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U. S. Department of Agriculture

# HASTINGS' SEEDS

## Fall 1929

## 78th Catalog

216 HASTINGS' ICEBERG LETTUCE  
Pkt. 10¢ Ounce 20¢

FALL GARDEN COVER COLLECTION

25c.

1 Pkt. each of these 5 Outstanding Varieties

45c. Worth Postpaid for 25c.

65 HASTINGS' CHANTENAY CARROT  
Pkt. 10¢ Ounce 15¢

288 HASTINGS' BERMUDA ONION  
Pkt. 10¢ Ounce 25¢

45 HASTINGS' IMPROVED BLOOD TURNIP BEET  
Pkt. 10¢ Ounce 15¢

375 HASTINGS' ROSY GEM RADISH  
Pkt. 5¢ Ounce 10¢

**H.G. HASTINGS CO.**  
**ATLANTA, GEORGIA**



# HASTINGS' BIG 7 TURNIP COLLECTION

7 Full Ounces  
7 Varieties  
35¢ postpaid

H. G. HASTINGS CO.  
ATLANTA, GEORGIA

EARLY WHITE  
FLAT DUTCH

PURPLE OR  
RED TOP GLOBE

EARLY RED OR  
PURPLE TOP

YELLOW OR  
AMBER GLOBE

HASTINGS' IMPROVED  
AMERICAN RUTABAGA

SEVEN TOP

EXTRA EARLY  
WHITE EGG

1/4 lb. each \$1  
7 varieties 1

# HASTINGS' SEEDS ORDER SHEET

Please do not write in above space

**H. G. Hastings Co., Atlanta, Ga.**

F29 PLEASE DO NOT WRITE IN THIS SPACE

Gentlemen:—I am enclosing \$ \_\_\_\_\_ for this order.

Ship to me by — Mail  Express  Freight   
(Mark X in square for desired shipment)

Name **Mr.** \_\_\_\_\_  
**Mrs.** \_\_\_\_\_  
**Miss** \_\_\_\_\_  
(If Mrs., kindly use husband's first name or initials, as Mrs. Sam B. Clark)

Postoffice \_\_\_\_\_ State \_\_\_\_\_

Rural **Box** \_\_\_\_\_ Express or  
Route **No.** \_\_\_\_\_ Freight office \_\_\_\_\_  
(If Different from Your Post Office)

Street  
Address \_\_\_\_\_

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 3

	Number in Catalog	Quantity	Names of Seeds or Other Articles Wanted	PRICE	
				Dollars	Cents
	<b>SUB.</b>		1 YEAR'S SUBSCRIPTION TO THE SOUTHERN RURALIST <sup>24</sup> Numbers 25 CENTS		
	<b>SEED COL.</b>		35c—HASTINGS' BIG 7 TURNIP COLLECTION—\$1.00 <small>35c for 7 OunceS—7 VARIETIES—7 Quarter Pounds for \$1.00</small>		
	<b>BULB COL.</b>		50c—GIANT DARWIN TULIP COLLECTION—\$1.00 <small>10 Varieties for 50c—20 Varieties for \$1.00</small>		
PLEASE DO NOT WRITE IN THIS SPACE					

**Remember---No order too large or too small to send to HASTINGS'**



# DEPENDABLE SEEDS

When you buy seeds, you are entitled to the satisfaction of knowing that some responsible organization inspects the growing seed-crop at maturity, sees that the crop has been carefully rogued of off-type plants, sees that the crop has been sufficiently isolated so no outside crossing is probable, sees that no mixing of varieties or strains occurs in threshing or curing and seals the bags or containers with the proper certification as to trueness to type and variety name.

You also want assurance of high germination and purity from noxious weed seeds, chaff, etc. You want freedom from disease, adaptable strains to your soil and conditions; variety strains that are known to produce heavy crops; fruits of finest eating; shipping or keeping qualities according to your needs.

Who can certify seeds to assure you of best returns? Naturally, a grain specialist is most capable for grain crop inspections, followed up by a qualified seed analyst in the laboratory for germination and

purity. The same is true for specialists on other types of plants. Field trials determine worth and adaptability.

Hastings', with more customers than other mail order seed houses, is able to afford these specialists, the most experienced growers, the finest seed saving and cleaning machinery, fully equipped laboratory with qualified seed analyst for regular testing of all seed stocks and a 1523 acre farm and trial grounds for careful noting and checking Hastings' strains in comparison with others.

Breeding, selections and trials, always working for better strains and varieties, are carried on at many locations by our growers as well as with thousands of trials at the Hastings' Plantation.

You know you can faithfully depend on Hastings' for the best of "Everything That Grows"—to produce as fine and as much as your soil and season will allow. Our policy is to give you more actual value for money expended than you can expect from anywhere else. And, we are as nearby as your mail-box.

## You Can Have a Good Fall Garden in Your State

**Beans** Bush varieties can be planted in the northern half of Georgia, Alabama, Mississippi, Louisiana and Texas, also in North and South Carolina, up to August 15th; in the southern half of these States named up to September 1st. Pole snap varieties like Old Homestead, also the pole and bush beans, can be planted in the southern half up to August 15th. In Florida plant all kinds during August; the bush varieties during September, and in South Florida beans can be planted with more or less safety during all the fall and winter months.

**Beets** The turnip-shaped varieties such as Hastings' Improved Blood Turnip, Eclipse and Lentz Extra Early can be planted in August in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and in the Carolinas during August and first half of September. In the southern half of the Gulf States beet planting can continue until about October 15. In Florida, Southwest Texas and many of the more protected Gulf Coast sections the planting of beets may be continued during all of the fall and winter months. In Florida, beets should be planted in October, November and December.

**Cauliflower** Planting of Cauliflower is not advised during the fall months except in Florida, Southwest Texas and well protected spots along the Gulf Coast. Seed best be sown in late September or October for maturing in early spring months. Cauliflower will not stand heat, and to be successful must be matured not later than April 1st in those sections. The same is true of Broccoli, which resembles Cauliflower closely.

**Cabbage** In the Lower South, Florida, Southwest Texas and the Gulf Coast sections this is the most important fall sown vegetable crop. Early varieties such as the Wakefield can be planted in northern half of Georgia, Alabama, Louisiana, Mississippi, Texas and in the Carolinas in August for maturing before cold weather comes. In the southern half of these States planting may be made in September and October of the flat varieties: Fla. Drumhead, Surehead, Sure Crop, Centennial Late Flat Dutch, for maturing during the late winter months. In Florida, the immediate Gulf Coast sections and Southwest Texas the bulk of seed planting should be during the month of October for March and April maturity. Cabbage is a half hardy vegetable and will stand considerable cold without serious injury except when "in bud," that is, the beginning of the formation of the head. If frozen at that time it is apt to run to seed without forming heads.

**Carrots** Suitable for August planting in the northern half of the South, for September planting in the southern half. For Florida, Southwest Texas and close to the Gulf, plantings may be made almost any time up to December. The carrot is a vegetable that should be more largely planted in the South in the fall as well as in the spring.

**Celery** We do not advise the planting of celery in the fall except in Florida, Southwest Texas and in the protected spots along the Gulf. In that section August and September plantings are the most desirable for March and April maturity.

**Cucumber** While looked on as an almost strictly spring vegetable it can be planted in August and early September for quick maturity along the Gulf Coast and in Florida. Limited areas of this are found profitable in South Florida for shipments North during the winter months.

**Eggplant** Not advised for planting in the fall except in South Florida. July and August plantings will mature in that State in about 110 days, and like cucumbers, limited areas are found profitable for shipments from South Florida during the winter months. Peppers are adapted to similar conditions.

**Kale or Borecole** Entirely hardy in all parts of the South in any average winter. In the northern half of the South, September and October sowings are the best. In Florida and Gulf Coast sections plant up to January first. Kale should be in every garden in the South for winter and spring greens.

**Lettuce** One of the most widely grown and largely planted of the "salad" vegetables. Requires rich or well manured soil and plenty of moisture for quick growth. In northern Georgia, Alabama, Mississippi, Texas and the Carolinas, sowing of lettuce can be made during August and up to September 15th. In the southern half, these sowings can be continued up to October 1st. In Florida, Southwest Texas and protected Gulf Coast points plantings may be continued all through the fall and winter, although the best months are October and November. Where the garden has cold-frames or protected beds, lettuce can be planted and grown in them during all the fall and winter months in the northern districts.

**Mustard** Largely planted in family gardens in both fall and spring. In the more northern sections of the South, August, September and October sowings are best. In Florida and the Gulf Coast sections October sowings are the best, although in Florida continuous sowings can be made October to February.

**Onions** Plant sets of the hardy varieties (Yellow Globe and Silverskin) in the northern half of the South in September and October; in the southern half plant from September to December. In the southern half, also Florida and Southwest Texas, plant seed of the Bermuda during October. Sets of all the onions can be planted all through the fall in that section, but the Bermuda varieties from seed are preferable.

**Garden or English Peas** Extra earlies such as Surprise and Alaska can be planted in northern half of Georgia, Alabama, Mississippi and Louisiana in August; in the southern half, plantings of them can be made as late as September 15th. In Florida, South Texas and near the Gulf, plantings can be made both of the extra earlies and second earlies, such as Home Delight and Bliss' Everbearing, almost any time during the fall and winter months. Peas are fairly hardy except when in bloom.

**Radishes** In the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and both the Carolinas, succession plantings of radishes may be made every ten days to two weeks from August 15th to October 15th. In the southern half of those States, also Florida, plantings may begin in September and continue at intervals all through the fall months. Good or well fertilized soil, with sufficient moisture to insure quick growth, is necessary to make crisp, tender radishes.

**Squash** We would not advise planting this in the northern half of this general district except between August 1st and 15th. In the southern half plantings can be made up to September 1st. In South Florida the bush squashes can be planted almost at pleasure any time during the fall months.

**Spinach** Most of our Southern people like "greens" during winter and spring, and for this purpose there is nothing better than spinach. The seed does not germinate freely in warm weather, so that planting should be deferred until weather cools down. It is perfectly hardy, standing any ordinary winter weather, making growth all through the winter and spring. For Florida and Gulf Coast sections, November and December plantings are best.

**Tomatoes** Plant in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and the Carolinas up to August 1st. In the lower half to August 15th and in Florida and Southern Texas they make a regular fall and early winter crop for shipment and home use. If plants are frozen the green fruit will ripen in the house.

**Turnips** This is the old standby in Southern fall gardens. In all the States except Florida, South Texas and immediate Gulf Coast sections the planting season opens with rutabagas in July and August, followed two or three weeks later by the bulb varieties of turnips such as Purple Top Globe, Flat Dutch, White Egg, Purple Top Flat, etc., followed in September and October by the "salad" varieties like Seven Top.

# Read Directions for Ordering

SEND ALL ORDERS TO H. G. HASTINGS CO., ATLANTA, GA. WE HAVE ABSOLUTELY NO AGENTS.

**Liberal Premiums** Please bear in mind that on seeds in packets and ounces only (no quarter-pounds, pounds, or two pounds), the purchaser may select 25 cents' worth extra on each dollar sent. This does not apply to orders for collections, prices of which are net. See this Premium Offer on Yellow Order Sheet.

**Cost of Sending Money** In all cases where the order for seed amounts to one dollar or more, the cost of postage or express money order, or cost of registering the letters from places that are not money order offices, may be deducted from the amount of the order.

**Stamps** On orders of seeds where the amount is less than 50 cents, we will accept U. S. postage stamps in good condition (one-cent and two-cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

**C. O. D. Notice** Absolutely no plants or other perishable goods will be sent C. O. D. We advise against C. O. D. orders because of delays and high collection charges which are unsatisfactory to the customer and expensive to us if uncalled for and returned at our expense. We accept C. O. D. orders for seeds in exceptional cases when 25% of the order amount is paid in advance. This deposit is meant to cover collection and return charges in case the order is not called for and paid for by the customer.

**About Warranty** H. G. HASTINGS CO. gives no warranty, express or implied, as to description, quality, productiveness or any other matter, of seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are at once to be returned, and any money that may have been paid for them will be refunded. Crops are dependent for success or failure on so many things besides seed that it is impossible for us to give any warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing, all of which are important factors in the success of any crop. If we should warrant or guarantee seeds in any way, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot and will not accept. No responsible seedsmen give any warranty.

**We Pay the Postage** On all seeds in this catalog listed in packet, half ounce, ounce, quarter pound, pound and up to 5-pound quantities, we pay the postage and guarantee safe delivery by mail. On all seed, plant and bulb collections we pay the postage. We pay the postage on plants and bulbs except in larger quantities where a "Not Prepaid" price is named.

**You Pay the Postage** When you order over five pounds of any kind of seeds at "Not Prepaid" prices stated in the catalog, you pay the postage, express or freight. The same applies to quantity lots of bulbs and plants listed at "Not Prepaid" prices.

When you order seeds in 10 or 100 pound lots or over at "Not Prepaid" prices you can have the seeds sent to you by parcel post, express or freight but you must pay the transportation charges. Where the freight or express office nearest you is not convenient and you had rather have your seeds delivered to your post office or mail box it is best to have them come by parcel post.

When you order your seeds to come by express or freight we can send them "collect" so you may pay the transportation charges on delivery. If you want your order to be sent by parcel post the postage must be paid IN ADVANCE and you must send us the amount of postage in addition to the cost of the seeds.

Your Postmaster and generally your R. F. D. Carrier can tell you what zone you are in from Atlanta.

**How to Figure Postage** First figure up the weight in pounds on "Not Prepaid" items you are ordering. Then find what zone you are in from Atlanta. Take the number of pounds you are ordering in the first column and read straight across to your zone column and the amount shown is the postage to send us in addition to the cost of the seed, so we can prepay the postage.

As an example we will suppose that you want to order 14 pounds (a peck) of corn. If you lived in either the 1st or 2nd postal zones from Atlanta the amount to be sent us in addition to the price of the corn would be 20 cents; for the 3rd zone 34 cents; for the 4th zone 60 cents and so on. With the table shown it's very easy to figure it exactly, once you know what your zone number is.

If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much, the surplus will be returned to you.

Seventy pounds is the weight limit. If larger quantities are wanted it will have to be split into two or more shipments. 50 pounds is the weight limit for the 4th, 5th, 6th, 7th and 8th zones.

## APPROXIMATE LOCATION OF ZONES

**GEORGIA**—Largely in the 1st and 2nd zones. Extreme southern part is in 3rd zone.

**ALABAMA**—Eastern half in 2nd zone, western half in 3rd zone except extreme southwestern portion which is in the 4th zone.

**FLORIDA**—The northern part is in the 3rd, the rest is in the 4th, except extreme southern part in 5th zone.

**MISSISSIPPI**—About evenly divided, the eastern half being in the 3rd and the western half in the 4th zone.

**LOUISIANA AND ARKANSAS**—Both entirely in the 4th zone.

**TEXAS**—Mostly in the 5th zone, a small part including the most eastern counties in the 4th and extreme western portion in 6th.

**TENNESSEE**—Divided in three zones. Southern part of East Tennessee is in 2nd zone; most of the rest in 3rd zone except the extreme western part which is in the 4th.

**KENTUCKY**—Western and extreme northern part is in the 4th zone but the rest is in the 3rd zone.

**SOUTH CAROLINA**—Western part in 2nd, balance in 3rd zone.

**NORTH CAROLINA**—Extreme western part in 2nd, the rest in 3rd zone except extreme eastern part which is in the 4th zone.

## Parcel Post Zone Rates

Wt. In Lbs.	Zone 1 & 2	Zone 3rd	Zone 4th	Zone 5th	Zone 6th	Zone 7th	Zone 8th
1	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.12	\$0.13
2	.08	.10	.12	.15	.18	.22	.25
3	.09	.12	.16	.21	.26	.32	.37
4	.10	.14	.20	.27	.34	.42	.49
5	.11	.16	.24	.33	.42	.52	.61
6	.12	.18	.28	.39	.50	.62	.73
7	.13	.20	.32	.45	.58	.72	.85
8	.14	.22	.36	.51	.66	.82	.97
9	.15	.24	.40	.57	.74	.92	1.09
10	.16	.26	.44	.63	.82	1.02	1.21
11	.17	.28	.48	.69	.90	1.12	1.33
12	.18	.30	.52	.75	.98	1.22	1.45
13	.19	.32	.56	.81	1.06	1.32	1.57
14	.20	.34	.60	.87	1.14	1.42	1.69
15	.21	.36	.64	.93	1.22	1.52	1.81
16	.22	.38	.68	.99	1.30	1.62	1.93
17	.23	.40	.72	1.05	1.38	1.72	2.05
18	.24	.42	.76	1.11	1.46	1.82	2.17
19	.25	.44	.80	1.17	1.54	1.92	2.29
20	.26	.46	.84	1.23	1.62	2.02	2.41
21	.27	.48	.88	1.29	1.70	2.12	2.53
22	.28	.50	.92	1.35	1.78	2.22	2.65
23	.29	.52	.96	1.41	1.86	2.32	2.77
24	.30	.54	1.00	1.47	1.94	2.42	2.89
25	.31	.56	1.04	1.53	2.02	2.52	3.01
26	.32	.58	1.08	1.59	2.10	2.62	3.13
27	.33	.60	1.12	1.65	2.18	2.72	3.25
28	.34	.62	1.16	1.71	2.26	2.82	3.37
29	.35	.64	1.20	1.77	2.34	2.92	3.49
30	.36	.66	1.24	1.83	2.42	3.02	3.61
31	.37	.68	1.28	1.89	2.50	3.12	3.73
32	.38	.70	1.32	1.95	2.58	3.22	3.85
33	.39	.72	1.36	2.01	2.66	3.32	3.97
34	.40	.74	1.40	2.07	2.74	3.42	4.09
35	.41	.76	1.44	2.13	2.82	3.52	4.21
36	.42	.78	1.48	2.19	2.90	3.62	4.33
37	.43	.80	1.52	2.25	2.98	3.72	4.45
38	.44	.82	1.56	2.31	3.06	3.82	4.57
39	.45	.84	1.60	2.37	3.14	3.92	4.69
40	.46	.86	1.64	2.43	3.22	4.02	4.81
41	.47	.88	1.68	2.49	3.30	4.12	4.93
42	.48	.90	1.72	2.55	3.38	4.22	5.05
43	.49	.92	1.76	2.61	3.46	4.32	5.17
44	.50	.94	1.80	2.67	3.54	4.42	5.29
45	.51	.96	1.84	2.73	3.62	4.52	5.41
50	.56	1.06	2.04	3.03	4.02	5.02	6.01
55	.61	1.16					
60	.66	1.26					
65	.71	1.36					
70	.76	1.46					

Zones are based on the distance you are from the shipping point, Atlanta, Ga. Up to 150 miles from Atlanta is the 1st and 2nd zones, which take the same rate. 150 to 300 miles is the 3rd zone, 300 to 600 is 4th, 600 to 1000 is 5th, 1000 to 1400 is 6th, 1400 to 1800 is 7th, over 1800 is 8th zone. If you send too much, surplus will be returned to you.



# Hastings' Evergreen Lawn Mixture

**550** Notice the Evergreen lawn on the Inside rear cover page. You, too, can have a beautiful lawn with Evergreen Lawn Grass. Hundreds of the finest and the most humble homes in Atlanta and throughout the South have beautiful lawns the year around and so can you make your home "The Home Beautiful" with a velvety green lawn. Without a green lawn no home is really attractive.

This is our own mixture proved by years of lawn making to be the best for the South. You cannot buy it elsewhere. It makes a quick show and on well prepared soil soon becomes a beautiful velvety lawn. It stands summer heat and drought without serious injury, coming out again when the rains begin. If watered thoroughly once or twice a week during hot, dry weather of course it will stay green all the time, as it does fine without attention during the fall, winter and spring. Follow our "Culture" directions closely and failure will hardly be possible.

**PRICES**—Pound, 55c. 5 Pounds, \$2.50. Not Prepaid—10 Lbs., 40c per Lb. 100 Lbs., 35c per Lb. Prices subject to change.

**Complete Lawn Units** For your convenience and so you may be certain you have the right quantity of seed and fertilizers—all that's necessary for a fine lawn—we supply complete units for 1,000 sq. ft. of lawn (50x20 ft.) in any of our Grass Mixtures desired—5 Lbs. Grass Seed, 100 Lbs. Pulverized Sheep Manure, 5 Lbs. Nitrophoska, see "Lawn Culture" directions. F. O. B., Atlanta. Evergreen Lawn Grass Unit—\$6.25. Southern Winter Lawn Grass Unit—\$6.00. Shady Lawn Grass Unit—\$6.50.

**Lawn Culture** Sow Hastings' Lawn Grass Mixture this fall and winter, earlier the better, for new lawns or reseeding old lawns. Spade or plow the soil 12 inches deep. Remove all rocks, roots and litter. Apply a mixture of 100 pounds of Pulverized Sheep Manure and 5 pounds of Nitrophoska to each 1,000 square feet, plat 50x20 feet. (Wizard Sheep Manure is subjected to intense heat to destroy weed seeds, disease and all plant life so is best. Sheep Manure is the most concentrated of live-stock manures and is also excellent humus material to retain moisture and available plant food. Nitrophoska is the most concentrated fertilizer there is, analyzing 30-15-15, quickly available plant foods. Besides its own great plant food value it acts directly on the manure so 2 to 3 times the plant food value is obtained from the manure as would be available without Nitrophoska.) Apply this Sheep Manure and Nitrophoska by spading or plowing. Rake thoroughly, mixing fertilizer with soil and working the soil down smooth, fine and level. Sow seed carefully so not to skip spots.

5 Lbs. of seed will plant 1,000 sq. ft. (50x20 ft.). Plant a plenty of seed or you won't have a thick velvety lawn. Grass seed must not be covered with soil. After sowing seed, roll the soil surface with a lawn or tennis court roller or firm the surface in some other convenient way. This firming is all that is necessary. Grass seed needs only to be pressed into a firm seed bed. (Total needed per 1,000 sq. ft. of lawn—5 Lbs. Grass Seed Mixture, 100 Lbs. Pulverized Sheep Manure and 5 Lbs. Nitrophoska.)

**FERTILIZERS**—On Page 47 you will find description and prices on Sheep Manure. Use it on lawn, garden, flowers and shrubs.



**550** Hastings' Evergreen Lawn Grass, properly planted during the fall, will make your house into "The Home Beautiful." Lawn Grasses are a great specialty with us and special mixtures for golf courses, aviation fields, polo grounds, lawn tennis courts, parks, subdivisions and pastures are our most interesting problems. Our success is due to the highest grade seeds and experience.

**552 Hastings' Southern Winter Mixture** For the lower half of the South we recommend the planting of this special mixture, in the fall and winter months particularly, for a velvety green lawn all through the winter and spring until the hot sun of midsummer kills it down, unless regularly watered. These grasses are largely fast growing and make a quicker show than any other mixture. They are all good lawn varieties and will give satisfaction. This mixture is also good for very sunny locations farther North but "Evergreen" is finer and better. In planting, follow Lawn Culture directions above. When you make a lawn, plant it properly. Lawns are easily made if done right. Remember, for a quick show and a heavy green lawn this is the best mixture you can plant. Hastings' Southern Winter Lawn Grass Mixture.

**PRICES**—Lb., 50c. 5 Lbs., \$2.25. Not Prepaid—10 Lbs., 35c per Lb. 100 Lbs., 30c per Lb. Prices subject to change.

**Other Grasses** See Page 48 for individual grasses and Hastings' Permanent Pasture Mixture. White Dutch Clover for lawns is on Page 42. Our Kentucky Blue Grass, Red Top, Rye Grasses, Fescue, etc., are the heaviest, plumpest, purest seeds the market affords. We do not handle off-grades. Our separate varieties of this fancy seed are used in our mixtures and our formulas are definite. That's why prices are subject to change instead of the mixtures. It pays to plant Hastings' Seeds.

**555 Hastings' Shady Lawn Mixture** For quite a while after the war it was impossible to obtain, certainly at prices within reason, certain grass seeds, including Creeping Bent Grass, from Europe. These are essential for our mixture to plant in shady places. The surface roots of trees take the water and plant food away from grass and when trees are in full leaf they shade the ground too much for many grasses. Our Shady Lawn Mixture is made to give you a beautiful lawn and to hold its own, as well as grass can, in the shade. Most lawns have shady places, because trees are very desirable. Bare spots in the lawn look bad and so we urge you to plant your shady places with this special mixture after thoroughly preparing the soil. Follow Lawn Culture directions above. Recommended for the northern half of the South and farther North.

**PRICES**—Lb., 60c. 5 Lbs., \$2.75. Not Prepaid—10 Lbs., 45c per Lb. 100 Lbs., 40c per Lb. Prices subject to change.



(6) Hastings' Stringless Green Pod Beans

## HASTINGS' ASPARAGUS

**1 Palmetto Asparagus Seed** A very early and prolific variety which has been the standard variety for many years. Produces large, deep green shoots of the best quality. Regular in growth and very easily grown from seed. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00.

**Palmetto Roots** Our large Hastings' Plantation grown roots save one to two years time in producing Asparagus for cutting and results are generally more satisfactory than from seed. Order now. Roots will be shipped when dug after killing frost, about December 1st. 50 roots, 60c. 100 roots, \$1.00. Not Prepaid—100 roots, 85c. 1,000 for \$6.00.

**2 Washington Asparagus Seed** The finest and largest Asparagus now grown. Extremely resistant to rust, vigorous grower and the most uniform market type of all so-called rust-resistant varieties. This is without doubt the best Asparagus grown today, giant sized, high-yielding and very tender. Packet, 10c. Oz., 20c. ¼ Lb., 65c. Lb., \$2.00.

### Washington Roots

It will pay you to plant some of these fine large roots even if you already have an Asparagus bed. Save 1½ to 2 years time and have the tenderest and finest looking "tips" from these roots. Order now. Roots will be shipped when dug after killing frost, about December 1st. 50 roots, 75c. 100 roots, \$1.25. Not Prepaid—100 roots, \$1.00. \$7.50 per thousand.

## BUSH BEANS

**BEAN SHORTAGE** Bean Growers know that there has been a serious seed bean shortage well over the country this year. Some varieties could not be bought from any seedsmen, regardless of price. Weather conditions causing crop failures couldn't be helped. We were fortunate in having large acreage so we could supply most varieties for spring plantings. We expect to have a full supply on all varieties to offer in quantity after this year's crops are harvested—about November. This includes all varieties here listed and also Giant Stringless Green Pod, Bountiful, Burpee Imp. Bush Lima, Yopps Pole Lima and Early Wonder Prolific Navy Bean. Write for prices on new crop seeds after November. For this summer and fall plantings we offer the varieties in quantities listed below.

**Culture** Beans are planted through the summer until September in the Central South. In Florida and Gulf Coast sections even later. Plant 3 to 4 inches apart, covering seed 2 inches, in rows 18 to 24 inches apart. One pound plants 75 feet of row, about 75 pounds (1¼ bu.) plants one acre. Beans are ready to use in 6 to 13 weeks.

**14 Hastings' Excelsior Refugee Bean** For late summer and early fall plantings; early and heavy bearing. More resistant to hot summer sun and wet conditions than any other Bean. Vigorous grower; medium-sized round green pods of fine flavor; holds pods well off the ground. Desirable for the home garden, a money-maker for local markets or shipment. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered this fall.

**13 Improved Round Pod Refugee (1,000 to 1)** Similar to Excelsior Refugee except much heavier bearer and 10 to 14 days later maturing. Resistant to drought and cold, a great shipper and canner. Used almost exclusively in parts of Florida for shipment. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.50. 60 Lbs. (bu.), \$13.20. 100 Lbs., \$22.00.

**25 Hastings' Extra Early Red Valentine** The standard bush bean in the South for home use, marketing and shipping. Erect growth, holding pods off the ground, uniform in size and maturity; 5 to 6 inch, round, meaty pods of good flavor. Splendid early heavy bearer. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. 15 Lbs. (pk.), \$3.50. 60 Lbs. (bu.), \$13.20. 100 Lbs., \$22.00.

**23 Extra Early Black Valentine** The black seeded valentine bean. Extremely hardy; resistant to heat and cold. Dark green, 6 inch, slender, round, almost straight, stringy pods. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered this fall.

**6 Hastings' Stringless Green Pod** The highest quality bean of them all. It's the only variety we plant in our own home gardens. Too tender for best shipping, but it has no equal for home use and nearby markets. Early, prolific, round, smooth, 5 inch stringless pods of the finest flavor. Packet, 10c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. No larger quantities offered this fall.

**20 Sure Crop Stringless Wax** Very prolific and the finest Wax Bean. Handsome, rich yellow, 6 to 7-inch pods, almost round, very meaty and sweet; stringless at all times. Packet, 10c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. 15 Lbs. (pk.), \$4.00. 60 Lbs. (bu.), \$15.00. 100 Lbs., \$25.00.

**16 Wardwells Kidney Wax** Extra early, vigorous, very prolific, rust-resistant Bean. Tender, almost stringless, fine flavored showy white wax pods. Desirable for market or home use. Packet, 10c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. No larger quantities offered this fall.

**30 Rust-Proof Golden Wax** Our improved strain of Golden Wax; rust-proof to a remarkable degree. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs., \$3.25. 60 Lbs., \$12.00. 100 Lbs., \$20.00.

**32 Prolific Black Wax** Extra prolific strain of the old German Black Wax. Larger, better grower and heavier bearer. Yellow pods. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered this fall.

**22 Tennessee Green Pod** Great extra early garden favorite. Heavy bearing, large, broad meaty pods of fine flavor and stringless in snap stage. Slightly irregular shape, about 5½ inches wide by 6½ inches long. Packet, 10c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. No larger quantities offered this fall.



Wax beans have a delicious creamy or buttery flavor. Try them.

(20) Sure Crop Stringless Wax

## "SNAP BEANS"—"DRY SHELL BEANS"

Many home gardens neglect a splendid opportunity in late summer and early fall. All these beans bear heavily and if pods are left to fully mature, there is an abundance for dry shelled beans. The same is true of lima or butter beans.

**26 McCASLAN POLE BEAN** This superb pole bean of Georgia origin, introduced by us in 1912, has been acknowledged by every seed trade expert who has seen it as the best pole bean in existence, the one pole bean, as one of them said, that "beats Kentucky Wonder." It is the heaviest bearing bean in existence. The large pods fill perfectly and in the "snap" stage are deep green, meaty, stringless and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. When allowed to ripen the pure white shell beans are most excellent for winter use. Packet, 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$2.95. 60 Lbs., \$10.80. 100 Lbs., \$18.00.

**15 Texas Prolific, Old Homestead, Kentucky Wonder** Known under all three names and liked everywhere where pole beans are grown. Planted in late summer or early fall it begins to bear in about 50 days and all through fall and until frost it puts on heavier crops of its extra large, deliciously flavored pods than from early spring plantings. Pods 6 to 12 inches long, well rounded out, meaty, tender and practically stringless. Immensely prolific. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.95. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.

**5 Kentucky Wonder Wax** Yellow podded form of Kentucky Wonder and equal to it in all respects. Pods long, thick, meaty, stringless, deeply saddle-backed, buttery flavor and very prolific. Packet, 15c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs., \$3.50. 60 Lbs., \$13.20. 100 Lbs., \$22.00.

### HASTINGS' REAL CORNFIELD BEANS

**18 Hastings' Genuine Cornfield** The satisfactory, heavy bearing cornfield bean. Green podded, creasebacked, round, well filled, 6-inch, nearly straight pods. Hastings' own stock of this reliable string bean. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs., \$2.80. 60 Lbs., \$10.20. 100 Lbs., \$17.00.

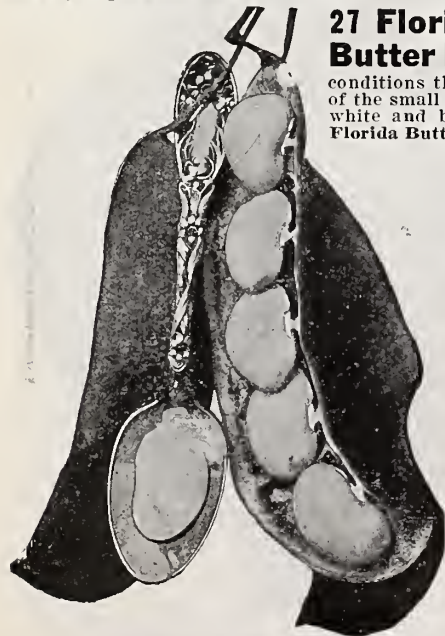
**35 Hastings' White Cornfield** White seeded and best of Cornfield type. Heavy and long continued bearer; good flavor, good sized, meaty, stringy, curved green pods, 5 inches long. Fine for winter shelled beans as well as snaps. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. No larger quantities offered this fall.

**36 Georgian Pole Bean** Strong growing Cornfield Bean or for climbing poles. Especially resistant to heat and drought, very productive in late summer and fall when beans are scarce. Round, 4-inch, green, stringy pods with slight purple tinge. A worthy variety. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. No larger quantities offered this fall.

### LIMA OR BUTTER BEANS

**10 Large White Pole Lima** The true large lima pole bean. Vigorous beans. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**9 Small White Pole Lima** Also known as small lima or "Sieva" bean. Climbing form of the Henderson Bush Lima. Very prolific, hardy grower for "butter beans" and continuous bearer of tender and very delicious beans. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered this fall.



(7) Henderson Bush Lima Beans

**27 Florida Butter Bean** The only other true pole lima sure to set pods from the earliest blooms. Will make an abundant crop under seasonal conditions that cause other varieties to fail. Seeds of the small Lima or "Sieva" size, but are speckled white and brownish red. We are told that our Florida Butter Bean is resistant to the Bean Beetle.

We cannot say for sure. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

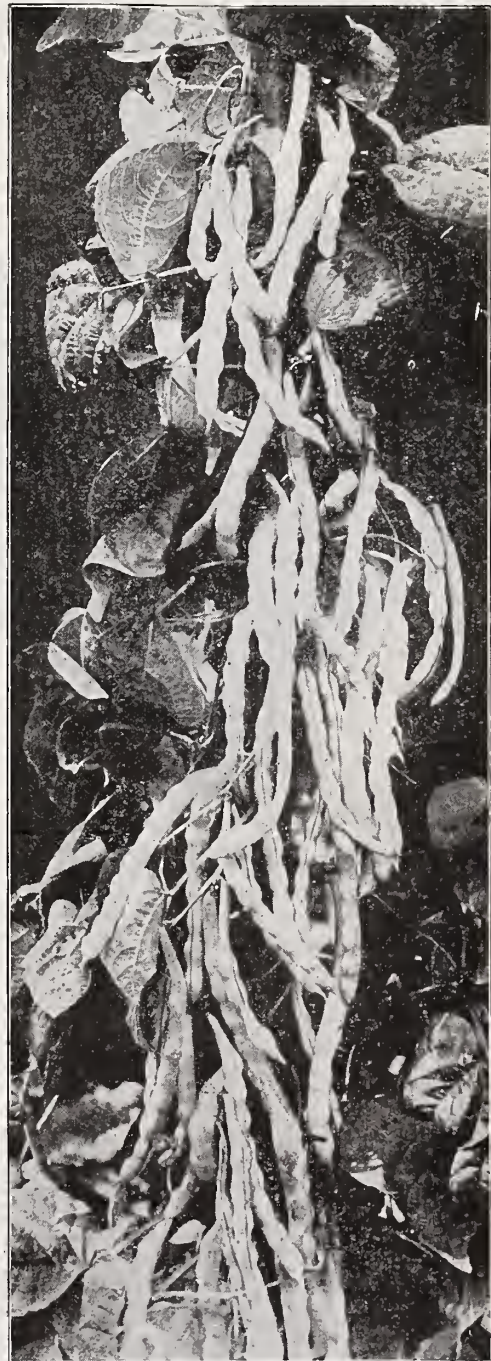
**33 Fordhook Bush Lima** Best large seeded variety. Erect, branching growth; pods in clusters of 4 to 8 and well filled with delicious large beans of finest quality. The true bush form of the potato or large, thick seeded bush lima. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. No larger quantities offered this fall.

### 17 Jackson Wonder

Most prolific of all limas; of Georgia origin and fully adapted to all parts of the South. Flourishes in driest weather and practically drought proof. Flavor rich and delicious. A perfect bush butter bean growing 10 inches to 2 feet high; good for shell beans as well as summer and fall use; seeds of brownish color. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered this fall.

### 7 Henderson Bush Lima

Smallest but most prolific of all the pure white seeded lima varieties, being a true hush form of the small lima or "Sieva." Begins to bear with summer planting in about 50 days. It is one of the most popular varieties and a wonderful hush bean for every garden in the South. Very rich, tender and extremely delicious. See illustration. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c.



(15) Texas Prolific—Old Homestead—Kentucky Wonder Pole Bean. Type of McCaslan

# HASTINGS' SUPERIOR BEET SEED



(45) Hastings' Improved Blood Turnip Beet

## 40 Hastings' Eclipse Blood Turnip Beet

smooth and free from stringy roots. Small top, rapid grower. Color a deep red, which it retains fully after being cooked; quality extra fine, very sweet and tender; a heavy bearer and its handsome appearance makes it an easy market seller. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.

**44 Half-Long Blood Beet** A favorite for late use, intermediate length between Improved Blood Turnip and Long Smooth. Color a deep blood red, smooth and free from stringy roots. It is tender, sweet and keeps for a long time after maturity. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.

**49 Long Smooth Blood Beet** An old-time favorite in the South; long, smooth, blood red roots, enabling it to resist drought and heat. This beet can be stored or banked for later use, as it keeps well. Although large, it is of exceptional quality and flavor. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.

**43 Swiss Chard Beet or Sea Kale** Grown for its leaves only as it does not make a bulbous root. The leaves grow large and upright and as the outer leaves are cut more come from the center. The mid-rib of each leaf is large and almost white and after trimming can be cooked and served like asparagus. The leaf part can be cooked like spinach or turnip greens, or the whole leaf can be boiled and served as "greens." They are delicious. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## MANGELS AND HALF SUGAR BEETS

**41 Jumbo Long Red Mangel** Largest and heaviest yielder in the South of all the true Mangel beets. Roots grow from one-half to two-thirds above the surface and are usually eighteen inches to two feet long and four to six inches in diameter. The tonnage, or yield, per acre on rich or well fertilized ground is something immense. The Jumbo Mangel or the White French Half-Sugar Mangel ought to be planted on every farm in the South where cows are kept through the winter. Plant 10 Lbs. per acre in 2½ to 3-foot rows. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for quantity prices.

**51 White French Half-Sugar Mangel** While possibly not quite as heavy a yielder per acre as the Jumbo Long Red, its very considerable sugar content makes it especially valuable in fattening cattle and insuring a flow of richer milk in dairy or milk cows. It is as easily grown in the South as the garden variety of beet and should be let grow to full maturity to secure the largest yields. Roots are very large, smooth, clean skin, of oval shape and grow with the top of the bulb two or three inches above ground and consequently are more easily pulled. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for quantity prices.

**Note** You need and want the highest quality beet seed you can get for market crops or for the home garden. Hastings' Beet Seed is bred and carefully selected to give you real satisfaction, making the smoothest, cleanest, finest formed beets that can be grown. Sown thickly the young plants when thinned out make splendid "greens."

**Culture** Sow in rich or well-manured garden ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart, scattering seed thinly. In this latitude sow from July to September 15th; in Florida and Gulf Coast sections, plantings can be made from September to January. Seed is rough and the soil should be firmed or rolled if the ground is dry. When two or three inches high thin out to four or five inches apart in the row. Young beet plants are superior to spinach and turnips for "greens." In light sandy soils cover seed 2 inches; in stiff clay not over 1 inch. Quantity of seed required: 1 oz. to 50 feet of row; 6 to 8 Lbs. per acre. Maturity, 6 to 11 weeks.

## 45 Hastings' Improved Blood Turnip Beet

Also called **DETROIT DARK RED**. Most popular variety for home use and nearby markets. Color a deep blood red. A fine even form, very uniform in growth, as shown in our illustration from a photograph; medium early and very productive; tender, free from stringiness and very sweet; good for home or market use and most valuable variety for succession sowings. This is the finest all-round garden beet in existence and the most uniform in shape and color of them all. **Most popular Beet grown.** Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

**42 Crosby Early Egyptian** A vast improvement over the old Extra Early Egyptian. Ready for use before any other except the old variety and of far better quality. Tops are small and the smooth roots are flattened globe shape. Roots bright red and flesh is bright vermilion red, zoned lighter, very sweet, tender and fine. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

**50 Lentz Extra Early** Nearly as early as the Egyptian but larger and of extra fine quality. Flesh red with white zones, tender and sweet at all stages. Small top and in favorable seasons can be used in 6 to 7 weeks from sowing. Very productive, a splendid keeper and shipper. It has become the leader of all early varieties in the South. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.

**46 Hastings' Crimson King** Also called **Crimson Globe**. Of turnip shape, very uniform in size, shape and color. Sweet, tender and in favorable seasons has been ready for use in 6 weeks from sowing. A splendid all season beet. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.



(40) Hastings' Eclipse Blood Turnip Beet

**Broccoli** A vegetable very closely related to Cauliflower, from which it is supposed to have come. Give the same culture as for Cauliflower, and in the Southern States, unless you are an expert Cauliflower grower, Broccoli will make a surer header for you. There are many also kept from growing Cauliflower by the high price of the seed. To those we recommend Broccoli.

**56 White Cape Broccoli** The Cape Broccoli is the best type for the South and you will do well to have it in your garden this year. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. Packet, 15c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$30.00.

**131 CHERVIL** Aromatic plant for seasoning or salad with lettuce. Broadcast in October or November for winter or spring use. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**133 WATER CRESS** Hardy plant, easily grown in shallow fresh water. Start seed in moist earth and transplant to water. Refreshing leaves fine for salads and garnishes. Packet, 10c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.50.



(85) Hastings' Gilt Edge—Best Early Cauliflower for the South

## COLLARDS

The collard is an old-time favorite adapted to all parts of the South, and as a producer of "greens" for boiling in winter and spring it has no equal. It will pay you to have a collard patch just to give your cows an occasional taste of "green stuff." Sow any time up to September 15. When plants are 6 inches high transplant to open ground, setting plants 2 feet apart in the row. Cultivate like cabbage. Sow one ounce of seed to 200 feet of row. Collards mature in 3 to 4 months.

**135 Southern or Georgia** This variety is the old-time favorite. Stands all sorts of adverse conditions without injury. Is very hardy, standing ordinary winters as far north as Atlanta. In many places where the soil is too poor to grow cabbage, the collard grows easily and makes a good substitute for cabbage. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for quantity prices.

**136 GEORGIA CABBAGE-COLLARD** New and very valuable variety. A cross between collards and Charleston Wakefield Cabbage, giving a cabbage-like flavor and it heads up like a cabbage. This was originated at the Georgia Experiment Station by Prof. H. P. Stuckey and the seed is grown for us by him. It is as hardy as collards, not even winter-killing with ice and snow, and stands the hot weather as well. The loose heads are not as large as many cabbages, but they are real heads that can be left on the plant and used through the winter as they are wanted. Heads are rounded, of delicious flavor, either for boiling or cutting up for slaw. Winter Collard largely solves the difficulty. We have only a limited amount of order early. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00. 5 Lbs., \$8.00. Write for quantity prices.

**Brussels Sprouts** A very highly esteemed member of the cabbage family, especially desirable for late summer and fall planting in Florida and the Gulf Coast section. The "sprouts" are miniature cabbages growing closely on the stalk of the plant, a small head being formed at each leaf joint. Plants are quite hardy and live through the winter in all parts of the lower South. Quality and flavor are much improved by frost. Sow seed in July, August or September and when plants are four to six inches high transplant to open ground.

**59 Improved Dwarf Brussels Sprouts.** Most desirable variety South, producing compact "sprouts" of best quality. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**132 CRESS, Extra Curled** This tastes the same as Water Cress and is easily grown in spring, summer and fall. Make frequent plantings as the plant soon runs to seed. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## CAULIFLOWER

Cauliflower is one of our most delicious garden vegetables. Most of us have let truck and market gardeners grow it for us, because of the wrong idea that it is hard to grow. Anyone can be reasonably sure of success with Cauliflower when planting Hastings' Seeds and it's away ahead of cabbage in quality and flavor.

We import all of our Cauliflower seed direct from the most reliable growers in Europe. No Cauliflower seed of value is produced in America and the best seed of Europe is needed for success.

**Culture** Does best in rich well-tilled soil; will do in a well-manured soil. Sow in seed bed same time as you would cabbage. Transplant when 3 to 4 inches high; give plenty of water in dry weather. Keep wet, hoe thoroughly and often. In Florida and along the Gulf sow the seed in September, October and November. The plants will stand light frosts and should be planted so as to head in cool weather because they will not head properly in hot weather. One ounce of seed will make 1,000 good plants. Set plants about 18 inches apart in row. Matures in 3 to 4 months.

**85 Hastings' Gilt Edge** "Gilt Edge" is rightly named. It is "Gilt Edge" in every respect. It is the largest, most perfect, and surest header of all the early varieties, and in quality it is unexcelled. One specimen was sent to our store by a gardener which, when the leaves were trimmed off, weighed 7 pounds and 8 ounces.

In general appearance Gilt Edge is like Snowball, but is larger, a sure header, and stands much longer without decay than any other. Cauliflower should be more generally grown and there is no variety equal to Gilt Edge where a sure crop of the finest quality is wanted. Packet, 25c. ¼ Oz., 75c. ½ Oz., \$1.25. Oz., \$2.25. ¼ Lb., \$3.00. Lb., \$20.00. 5 Lbs., \$120.00.

**86 Early Snowball** A fine early variety second only in value to the Gilt Edge. Packet, 20c. ¼ Oz., 65c. ½ Oz., \$1.15. Oz., \$2.00. ¼ Lb., \$7.50. Lb., \$28.00.

**87 PARIS WHITE**—Medium sized heads; for family gardens. Packet, 10c. ½ Oz., 60c. Oz., \$1.00. ¼ Lb., \$3.00. Lb., \$10.00.

**88 LE NORMAND'S SHORT STEM**—Very firm, large, late. Packet, 10c. ½ Oz., 60c. Oz., \$1.00. ¼ Lb., \$3.00. Lb., \$10.00.

**89 LARGE LATE ALGIERS**—Very large, heat resisting. Packet, 10c. ½ Oz., 40c. Oz., 75c. ¼ Lb., \$2.00. Lb., \$6.00.

**90 AUTUMN GIANT**—Favorite, large, late variety. Packet, 10c. ½ Oz., 40c. Oz., 75c. ¼ Lb., \$2.00. Lb., \$6.00.



(135) True Southern or Georgia Collard

Winter cabbage is a serious problem for the South. This new Cabbage-Collard largely solves the difficulty. We have only a limited amount of order early. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.00. 5 Lbs., \$8.00. Write for quantity prices.



(118) Copenhagen Market—Earliest Large Round Cabbage

**118 Copenhagen Market** Heads exceptionally large for this extra early variety, solid and of excellent quality. Growth vigorous but compact, short stem, upright and with few outer leaves. Heads nearly round, medium light green, thick and smooth. Practically as early as Early Jersey Wakefield and undoubtedly the best of its type, valuable for home and market. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.00. 5 Lbs., \$12.00.

## Hastings' Golden Acre

**119** The outstanding new variety of today. Earliest round heading variety; extra early strain of Copenhagen market type, maturing round, hard heads, slightly smaller, but about one week earlier than the best and earliest Copenhagen market. Small stalks and outer leaf growth, allowing close planting; has a smoother and slightly greener leaf than Copenhagen, stands heavy manuring and makes on rich soil practically as large heads as Copenhagen. Heads of our Golden Acre are remarkably solid, of fine quality and with small core. It is a money maker for the shipper for highest early market prices, a fast seller because its size suits the small family and more are sold to larger families. Also fine for early home garden Cabbage. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

**121 All-Head Early** Our "All-Head Early" is an early flat-headed variety that is a sure header with half a chance and is well named on account of its few outer leaves and medium sized, very firm solid heads. About one week earlier than the old favorite "Early Summer" and is the finest in existence for this type. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**104 Early Winingstadt** An old favorite variety planted almost entirely for early family use. Heads weigh 1½ to 2 lbs. and are pointed. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**125 Steins Early Flat Dutch** A very popular variety for South Texas and Gulf Coast sections. Holds in good condition for a long time after being cut. Desirable for both market and home use. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**122 Early Summer** A splendid second early cabbage, ten days to two weeks later than the Jersey Wakefield. It has a medium-sized head, very uniform in size and shape and of extra good flavor. It does splendidly in late summer and fall. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

# CABBAGE

250,000 PLANT HASTINGS' CABBAGE SEED

**Culture** Sow seed in 6-inch drills, across a finely prepared bed, 5 or 6 seeds per inch. Cover seed ¼ inch in heavy soils, ½ inch in light sandy soils; firm the soil after planting and water the bed thoroughly. Keep beds moist but not wet. Transplant when plants are about six inches tall on a cloudy day, just before a rain or in late afternoon, leaving only the leaves above the surface. Cultivate very shallow but frequently. For fall planting, one ounce of seed usually makes about 1,000 plants. Plant ½ to ¾ pound of seed for plants for an acre.

**106 Selected Early Jersey Wakefield** Almost every one knows the popular Early Jersey Wakefield Cabbage. Comparatively few know the superiority of our strain of this variety. It's grown with the greatest care, and a well-cultivated crop shows the greatest regularity of size, shape and solidity. If you are growing the Early Wakefield you cannot afford to be without our extra select seed. It pays to use it. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**109 Early Jersey LONG ISLAND GROWN Wakefield** SEED. The above is grown in Washington from our Long Island grown seed stock. This seed is grown on Long Island and preferred by some of the best commercial growers. Pound, \$3.00. 5 Lbs., \$12.00.

**105 Hastings' Long Island Wakefield Cabbage** Largest, earliest and surest header of any of the large Wakefield varieties. Earlier, larger and finer bred than other strains of Charleston Wakefield, 1½ to 2 pounds heavier, firmer, better shaped and more solid than our selected Early Jersey Wakefield. In good soil and favorable weather conditions it is often ready for use in 50 days from transplanting. It is the right variety for those desiring the best pointed cabbage. It makes a splendid first early cabbage for home use. We believe that this is the very best pointed Cabbage there is grown and our strain of seed is the best. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**108 Long Island Wakefield LONG ISLAND GROWN SEED.** The above is grown in Washington State from our Long Island stock seed. This seed is grown on Long Island and preferred by some of the best commercial growers. Pound, \$3.00. 5 Lbs., \$12.00.



(105) Hastings' Long Island Wakefield, the Best Large Early Pointed Cabbage.

IT PAYS TO PLANT HASTINGS' SEEDS.

**120 Hastings' Genuine Surehead** Probably the most popular and most generally planted cabbage in the South. It is the result of a cross between Early Flat Dutch and one of the Drumhead varieties, resulting in a superb medium-sized hard-headed cabbage of mid-season maturity. Surehead is an exceptionally good variety for late summer and early fall plantings in Florida and Gulf Coast sections for maturing in winter. A very vigorous grower, uniform in size, shape and color. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**116 Succession** Medium to large size, solid and a reliable header, long a favorite with Southern market gardeners and shippers. A good second early and is a splendid general-purpose cabbage for fall plantings. Packet, 5c. ½ Oz., 15c. Oz., \$2.50. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**100 All Seasons** As improved, is now a most valuable cabbage for the South. Heads are large and solid; flattened on top. It is a good, reliable header and resists heat and drought. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**101 Hastings' Sure Crop** Earliest of all the large round flat varieties. Equally good for home use or shipment. On good rich soil with proper cultivation it makes heads weighing from 8 to 12 pounds. Very firm and solid, uniform in shape, and well flattened. Quality is most excellent, being crisp and tender and when rightfully cared for scarcely a plant fails to form a good head. Color a dark green, holding up well after being cut. Good late summer variety. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**111 Danish Ball Head** A handsome hardy, late cabbage; medium-sized, very hard heads. Irregular growth of plant, which, however, does not seem to affect its valuable, hard-heading qualities. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**117 Blood Red Erfurt** Best red cabbage. Medium size and sure heading variety. Largely used for pickling purposes, but fine for all Cabbage uses. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**110 Hastings' Centennial Flat Dutch Cabbage** This is beyond question the best of the large cabbages to plant for winter and spring maturity in the South. It is both a heat and cold resisting sort and its exceeding great vigor in growth makes it a success under conditions where other varieties fail. It's a large, well-flattened type of cabbage that holds up fine in long-distance shipping. On very rich soil there is a tendency to grow too large, but this is easily controlled by rather close planting. This is the variety that takes so many prizes for large, heavy, perfect heads at the fairs. Pkt., 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.



(120) Hastings' Genuine Surehead Cabbage

**103 Perfection Savoy** Best of the Savoy varieties, the best and tenderest of all cabbages. As this variety does not head well in hot weather it is pre-eminently a home garden variety for planting in late summer and fall for heading up during late fall and winter. Frosts improve the quality and flavor. Beautifully crimped and "savoyed." Packet, 10c. ½ Oz., 20c. Oz. 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**126 Chinese Cabbage**— The leading variety for home and market use. **Pe Tsai, Chokurei** Finest in flavor and quality of all cabbages. Stripping off the outer leaves, you have a picture of lettuce and celery (midribs) combined—cool, crisp and inviting. Cook like cabbage, use for salads, as celery or asparagus. Heart is pure white, tender, sweet and delicate in taste. Very hardy and will keep over winter if stored in a good cellar. Plant in early fall in Florida and along the Gulf Coast. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

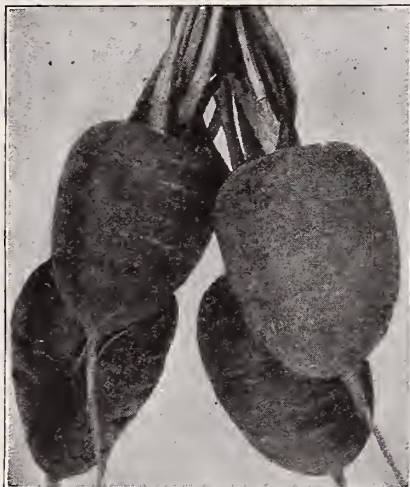


(110) Hastings' Centennial Late Flat Dutch—The Greatest Cropper Known

## HASTINGS' BIG 4 Cabbage Collection

**"Big 4" Finest Varieties** Four varieties: Copenhagen Market, Long Island Wakefield, Hastings' Genuine Surehead and Centennial Late Flat Dutch have been known for years as HASTINGS' "Big 4" and planted by tens of thousands of Southern gardeners. It has given an all season's supply of cabbage, early, medium and late for everyone who has planted it. At catalog prices these four packets of the best varieties would cost you 40 cents. We will send you these four packets for 25 cents, postpaid. In buying our "Big 4" Cabbage Collection you get the biggest and best value in good cabbage seed offered by any seed house. Include it in your order this fall. If you don't want to plant all the varieties this fall the seed will be all right for spring planting. While our Centennial Flat Dutch and Surehead are both first-class for early spring planting they are equally good for summer and early fall plantings. You will make no mistake in ordering HASTINGS' "BIG 4" Cabbage Collection this fall. It is great value for the money and you can't get HASTINGS' SEEDS anywhere but direct from HASTINGS'. Don't wait, expecting to go up to your merchant at planting time and get them. They won't be there. HASTINGS' SEEDS are never put up in boxes to be sold in the stores. You can only get Hastings' Seeds direct from Hastings' in Atlanta. We have no agents. Send your order to Atlanta. You will then know exactly what you are getting—the BEST.

**BIG 4 CABBAGE COLLECTION, 25 CENTS.**



(66) Oxheart or Guerande Carrot

bottom. Length from five to six inches. Roots are very free from hard core and of the finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground, where the long sorts often have to be dug. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**67 Red St. Valery** See illustration on the right. Roots very smooth and regular in growth, of large size, from 10 to 12 inches in length, and from 2 to 3 inches in diameter at the top, tapering gradually throughout. Rich, deep coloring, and free from hard core. A favorite with our customers, especially in drouth sections. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



(78) Easy Blanching Celery

## HASTINGS' CARROT SEED

THE CARROT IS A PARTICULARLY WHOLESOME VEGETABLE

**Culture** Carrots deserve a more general cultivation in the South. The young, tender roots are excellent stewed or boiled, either alone or with meat, as well as for seasoning and for flavoring soups. Select rich or well manured soil worked deep, because this is a deep rooted crop and the soil should be prepared deep enough to allow the roots to penetrate the soil without difficulty. Sow in shallow drills, 16 to 18 inches apart, in August and September. In Florida and along the Gulf Coast sow seed from September to December. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin out to four inches apart in the row. Cultivate frequently; keep ground free from weeds and grass. Sow 1 ounce of seed to 100 feet of row. Carrots mature in 6 to 10 weeks from planting.

**65 Chantenay** The Best Carrot. This fine stump-rooted variety we consider the best of its class. It's a half-long sort unexcelled in quality and productiveness. Very uniform in growth. Flesh deep golden orange color. Roots 3 inches in diameter at top, about five inches in length, gradually tapering in a very symmetrical manner to base. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**66 Oxheart or Guerande** Notice illustration of Oxheart. This fine variety is the best of the shortened, thick-formed carrots. Roots are four inches wide at top and taper to a 2-inch diameter at the top, tapering gradually throughout. Rich, deep coloring, and free from hard core. A favorite with our customers, especially in drouth sections. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**68 Danvers Intermediate** Bright orange color, very smooth and finely formed. Produces more weight to the acre than any other half-long variety. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**69 Improved Long Orange** Old, well-known variety. Roots long and of a deep rich orange color. A very heavy cropper, so heavy in fact, that it is profitable to grow for stock feed, while in quality it is a table carrot. Packet, 5c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**70 Large White Belgian Carrot For Stock Feed Only** The value of root crops for stock is just beginning to be appreciated in the South. One of the most valuable is the Belgian Carrot, an immense cropper, having produced as high as 20 tons of roots per acre. In the Central South they are easily kept for feed all through the winter, while in the Lower South they can be left in the ground all winter and pulled as needed. The use of carrots in connection with dry feed helps keep the animals in good condition and in milk or dairy cattle the flow of milk is largely increased. One thing must be remembered, when large crops are wanted, and that is the crop must be fed with manure or commercial fertilizers. Sow in drills 3 feet apart, using 4 pounds of seed per acre. When well up, thin out the plants to 6 inches apart. They should be grown on land that has been previously cultivated and worked deeply. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**CELERY** For late summer and fall planting, celery is strictly a crop for Florida and the lower Gulf Coast country, sections not ordinarily subject to extreme cold during the winter. It is a most important commercial crop for Florida and there is no reason why it should not be just as largely and successfully grown in Southwest Texas as a market crop. Celery requires rich and moist soil. If not rich it can be made so by proper fertilizing. In Florida and Gulf Coast section sow seed in August and September in shaded beds, covering seed not over half inch. When 6 inches high transplant to open ground. Celery planted as above should mature in following March and April. It brings in as high as \$1,500 per acre. One ounce of seed sows 400 feet of row or makes 5,000 or more.

**77 GOLDEN SELF-BLANCHING** A variety for market gardeners. Best early lowish green foliage, blanching with minimum attention. Crisp, tender, quite stringless; nutty flavor. The finest of all celery is produced with our Golden Self-Blanching. Packet, 10c. ½ Oz., 45c. Oz. 75c. ¼ Lb., \$2.50. Lb., \$8.00. 5 Lbs., \$32.00. Price has been as high as \$25.00 a pound.

**78 Easy Blanching** A new variety of exceptional merit and it is meeting with great popularity. The plant grows rather dwarf and compact with foliage light green tinged yellow. It is a vigorous grower with thick stalks of excellent quality. Very desirable for the amateur because it blanches more easily than any other variety and even the first time you grow it, it should equal any celery you could buy at the market both in quality and looks. Easy blanching is a medium early variety, one of the best keepers and fine for winter and spring use. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**80 Mexican Solid Celery** Stalks rounded, crisp and solid. Its flavor is fully equal to that grown in the famous Kalamazoo (Michigan) celery district, having the rich, nutty flavor so desirable in celery. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**76 White Plume—79 Giant Pascal** Old, well-known varieties, preferred by many planters. Each: Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**75 CELERIAC** or Turnip Rooted Celery. It is mostly used for flavoring. Cultivate the same as for celery except that it requires no hilling up. Pkt., 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00.



(67) Red St. Valery Carrot



# HASTINGS' COMBINATION SALAD

**280** "Greens" or "Salad" is wanted more than anything else we sell for late summer and fall plantings. Most people like a variety of greens for both spring and fall plantings and just lots of our good customers in and around Atlanta come in our local store and ask us to mix them up a combination of several kinds of greens. They like to plant them all at the same time, either in rows or broadcast, and have good tender greens for boiling for a long time.

There really is a distinct advantage in having a combination. A whole lot of Turnip Greens or a whole lot of Mustard or Rape or Kale easily gets tiresome to eat when it is on the table every day. When the four salad vegetables are served together you not only have your favorite but also you have an entirely different salad, a flavor of each but a combined taste that will make you like "greens" more than ever.

Upon request by so many local customers we mix in well balanced proportions these four splendid "greens" and now keep it in stock already mixed at all times. This is so much more satisfactory than taking a packet of each and pouring them together. More Rape comes in a regular packet than Kale or Mus-

tard and so the proportions would be wrong, and also a person desiring only a dime's worth wants and should have just as good a mixture as another who might want several pounds of seed.

Our customers with small gardens, and most town gardens are small, haven't space enough for several kinds of greens when they also want beans, peas, tomatoes, squash, peppers, beets, carrots, radishes, Brussels sprouts, lettuce, etc. To these we particularly recommend Hastings' Combination Salad. However, our farm customers also want a variety of greens and many of them prefer to grow as well as to boil them together. The big majority of home gardens on the farms are so small that many town gardens put them to shame, and it sure is a shame, but in a small or a large home garden we believe you will like this nicely balanced Combination Salad for some mighty good boiled greens this fall and winter. Hastings' Combination Salad is our own mixture of Turnip, Mustard, Kale or Borecole and Rape—properly proportioned to give you some fine boiled dinners within a few weeks and many more until you've eaten them all up.

Price—Ounce, 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Not Prepaid—10 Lbs. or over, 50c per Lb.

# HASTINGS' SELECTED CUCUMBERS



**Culture** Plant in hills, four feet apart each way. Where well-rotted manure is obtainable work a large shovelful of it into each hill. Plant 8 to 10 seeds in each hill, covering ½ inch in clay soils or 1 inch in sandy soils, and when rough leaves have formed, thin out to 4 in each hill. One ounce of seed will plant 50 hills; or use 3 pounds per acre. Mature in about 3 months.

## 180 HASTINGS' WHITE SPINE CUCUMBER Finest Extra Dark Strain—New Special Selection

"This is the greatest Cucumber grown today." It has no superior for general and market garden use and the best shipper of them all. It holds its intense green color better and stays in good eating condition longer than any other strain of White Spine. In each seed crop, fruits are carefully selected for uniform size and shape, smooth skins and handsome tapering appearance. Its size at maturity is about 9½x2½ inches, weighs about 1¾ pounds; ready to eat in about 58 days. Extra early, crisp and tender, holding its fresh appearance long after gathered. All fruits hand selected, piled and cut for this seed. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

**179 DAVIS PERFECT** White Spine. Almost ideal in shape, both ends tapering, rich dark green, uniform in size, exceedingly tender and excellent for slicing. It is almost seedless ¼ of its length and seeds are almost unnoticeable. Very prolific, early, and popular shipper. It is about 10x2½ inches and weighs about 2 pounds at maturity. Davis Perfect is the most popular White Spine strain and Hastings' special selected seed stock is now the best selection of this variety in America. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

**184 THE KLONDIKE** Our special strain is regular in size, color and growth. It's a very attractive dark green that stays for days after being picked and shipped. 7 to 8 inches long, 2 to 2½ inches in diameter. Extra early, very crisp and unsurpassed for slicing. When young makes excellent pickles. Prolific, very hardy and a sure cropper. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

**175 Early Fortune Cucumber** One of the finest and very much liked by market gardeners for shipment to Northern markets during the fall months. Holds its dark green color for many days after picking. Stays plump and fine looking long after reaching markets in the North. It's of good shape and of very regular growth. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

**185 Japanese Climbing Cucumber** Fine for late summer and early fall planting. Fruit is 10 to 12 inches in length, of dark green color; flesh is thick and firm, never bitter; has few small seeds and is fine for pickling and slicing. Very prolific, practically mildew proof and continues bearing late. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

**186 Our Everbearing Cucumber** This is our most popular variety for home gardens on account of its ever-bearing character; Splendid for slicing and although small, are perfect in shape, a fine green color and the right size for pickling. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**181 Improved Long Green** One of the old time favorites. Extra long, good size and holds the dark green color until well matured. Crisp, tender and free from bitterness, a splendid slicer. When 3 or 4 inches long it is fine for pickling. A good variety to plant from earliest spring to fall. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**182 Early Frame** A fine, well-known variety. Early Frame is a desirable variety for home gardens for slicing. Pkt., 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**183 Chicago Pickle** Chicago Pickle is a standard pickling variety, but can also be sliced. Packet, 5c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**178 Early Green Cluster** Standard, well-known variety for both slicing and pickling. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**187 GHERKINS** Small fruit, 2 to 3 inches long, rounded and with spines. For pickling only. Packet, 10c. Oz., 20c. ¼ Lb., 65c. Lb., \$2.00. 5 Lbs., \$8.00.

## CANTALOUPE AND SWEET CORN FOR FAR SOUTH

Cantaloupe—Muskmelon:	Pkt.	Oz.	Lb.	5 Lbs.	Note!	Prices on 10 Lb. Lots are Not Prepaid.	Pkt.	Lb.	10 Lbs.	F.O.B.
231 Hastings' Eden Gem.....	10	20	\$1.75	\$7.00	Garden Corn:					
243 Salmon Flesh Eden Gem.....	10	20	1.75	7.00	151 Yexo Sugar, Earliest Large.....	\$10	\$35	@	18	
230 Edwards' Perfecto.....	10	20	1.50	6.00	152 Country Gentleman.....	10	.35	@	18	
241 Burrell Gem.....	10	20	1.50	6.00	167 Golden Bantam.....	10	.35	@	18	
233 Banana.....	10	20	1.50	6.00	168 Evergreen Golden Bantam.....	10	.35	@	18	
240 Montreal Market.....	10	15	1.25	5.00	153 Stowells Evergreen.....	10	.35	@	18	
237 Rocky Ford.....	05	10	1.00	4.00	156 Black Mexican.....	10	.35	@	18	
230 Early Hackensack.....	05	10	1.00	4.00	160 Popcorn—White Rice.....	10	.35	@	12	
232 Texas Cannonball.....	10	15	1.25	5.00	161 Popcorn—Golden Queen.....	10	.35	@	12	
244 Honey Dew Melon.....	10	20	1.75	7.00	162 Popcorn—Japanese, Hull-less.....	10	.35	@	15	
245 Honey Ball Melon.....	10	20	1.75	7.00	154 Adams Large Early.....	10	.30	@	15	

(180) Hastings' New White Spine  
Finest Cucumber on Earth



(190) Hastings' Improved Large Purple Thornless Eggplant  
The Finest Eggplant in the World for All Purposes

### 194 FETTICUS or CORN SALAD

Cabbaging.  
For winter or spring salad or garnishing; a good substitute for lettuce or spinach. Doesn't do well in hot weather so plant in fall or as early as possible in spring. Ounce plants thirty feet of row. Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

## KALE OR BORECOLE

**FOR WINTER GREENS** Kale is more hardy than cabbage and will stand through the entire winter in any ordinary season in the central and lower South. Sow the seed thinly in drills in September and October and you should have no trouble in gathering the finest flavored "greens" you have ever eaten. Sow one ounce of seed to 100 feet of row. Matures in 3 to 4 months.

**200 Early Green Curled SIBERIAN KALE**—Usually sown in the fall for spring use. It is rather low growing with fine curled leaves of deep green color. The young leaves are tender and delicate in flavor. Easily the best Kale and for delicious "greens." Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

## KOHL-RABI

While it has many of the characteristics of the cabbage family the edible part is the bulb, that forms above the ground. In the lower South and Florida it can be easily grown with August to October sowings. Seed can be sown thinly in rows where plants are to stand and thinned to six inches apart or sown in beds and transplanted like cabbage. Sow ½ ounce to 100 feet of row; 2 Lbs. per acre. Matures in 8 to 10 weeks.

**202 Early White Vienna Kohl-Rabi** Bulbs are of a pale, whitish green color. They are hardy and you can have picé, tender bulbs all through the fall. Gather bulbs while skin is tender, slice, and cut off the hard lower portion. Bulbs are of very mild, delicate, cabbage-like flavor, most delicious. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

## LEEKS

Hardy onion-like plant that does not make a bulb. It has a long, well-thickened neck resembling young onions, but much larger and thicker. When plants begin to get some size the earth should be drawn up around the necks to blanch the stems white and increase the tenderness and fine flavor. Sow one ounce to 100 feet of row.

**203 Large Carenten Leek** Grows to large size, the stems large and thick. In rich soil, well earthed up, the edible portion is 6 to 8 inches long by 2 to 3 inches across. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

## HASTINGS' EGGPLANT

While mostly grown from winter and spring sown seed, it is a most satisfactory and profitable crop for late fall and winter shipment from South Florida. For October to January shipment seed should be sown from July to September. Plant ½ pound of seed for plants for 1 acre. One Packet of seed furnishes plants for 100 foot row. Ready to use in about 120 days from seed.

### 190 Hastings' Improved Large Purple Thornless Eggplant

The standard for purity and excellence in all market gardening sections of the South. It has been grown since 1896 by market gardeners with profitable results and in home gardens with entire satisfaction. Our seed is pure and the plants over 90% thornless. In a properly cultivated crop streaked or off-colored fruits are almost unknown. Plants are large, strong and vigorous, each plant producing from 5 to 8 large fruits of dark, rich purple color. The earliest of all large fruited varieties; the vigor and strength of this variety makes it less subject to the effect of "blight" and "die-back" which is disastrous in so many sections. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

### 189 Florida High Bush Eggplant

Especially desirable for home gardens and nearby markets. Plants are prolific, strong and stand bad weather remarkably well. Fruit or "eggs" grow higher off the ground than others which is advantageous in keeping out rot and blight. Fruit is a uniform dark purple and very attractive. Excellent for slicing with tender fine quality and no waste. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

### 191 Black Beauty Eggplant

Popular and very desirable for the market because the fruits hold their dark, rich, purple color a long time. They are large, almost as large as our Improved Large Purple and slightly earlier; symmetrical in shape, prolific and of good quality. Standard and very satisfactory. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

## ENDIVE

One of the best salads for fall and winter use and very desirable for greens, flavoring soups and stews and for garnishing. You should grow Endive because it is really worth while. It is a shame so few people know about this splendid and beautiful salad plant. Sow seed in July or August for fall use or early in spring for early summer use. Drill shallowly and thin out or transplant in good soil. Ounce plants 50 feet of row.

### 193 Early Green Curled Endive

Standard and most popular use. Hardy, vigorous growing, with bright deep green leaves. The dense mass of deeply divided leaves formed in the center is easily blanched to a rich cream color. For blanching, when nearly grown, tie up or shade the heads while dry. Finest and most wholesome for salads and flavoring. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

### 192 Escarole, Broad Leaved

This Endive variety has wide, twisted or waved bright green leaves, with thick, nearly white midribs. The inside leaves form a head which blanches creamy white. Crisp and tender, desirable for garden or market. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



(200) Kale or Borecole Plant for "Greens"

# Hastings' Lettuce Seed For Home and Market Crops

Lettuce seed is one of our great specialties, and in addition to supplying over two hundred thousand family gardens each year we sell thousands of pounds of highest grade lettuce seed to shippers and market gardeners. Our great market varieties, **BIG BOSTON**, **HASTINGS' DRUMHEAD**, **FLORIDA HEADER**, **DIXIE HARD HEAD** and **CALIFORNIA CREAM BUTTER**, are supreme. The high quality of **HASTINGS' Lettuce Seed** is known everywhere in the South where Lettuce is grown, for purity, hardness of head and slowness to run to seed. Our lettuce seed is all grown in California by our grower, whom we consider the most careful lettuce seed grower in the world, and the growing crops are personally inspected by our Mr. Hastings or Mr. Freeborn so as to insure the quality being kept up to the Hastings' standard. Do you know of any seed firm where the head of the house, or another officer will travel over 6,000 miles each year to see that every possible care is taken to have the lettuce seed just right?

**210 BIG BOSTON** Big Boston is of the Butter Head type. Ours is perfection in this variety, and you cannot buy any Big Boston Lettuce at any price that is superior to our strain. The heads of this strain are so firm and solid that almost every head has to be cut open before the seed stalks can grow. It is a standard market garden and shipping variety, being grown almost exclusively in many sections for shipment and for market. Extra large, round, firm heading variety, and makes a good appearance in market. Our seed of this variety is grown for us by a lettuce seed specialist whom we consider the best in the world. Our seed of Big Boston is the surest and hardest heading stock that you can obtain. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**216 HASTINGS' ICEBERG** CRISP LEAF TYPE—For forcing or home gardens. A beautiful as well as useful variety. Exceedingly crisp and tender, growing a long time before running to seed. Known as a "crisp-leaved" bard-header. Splendid for open ground planting or for forcing. Heads of conical shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00. (Notice Picture on Front Cover.)



(210) Hastings' Specialty—Big Boston Lettuce.



(221) Dixie Hard Head Lettuce

**215 Hastings' Florida Header** BUTTER HEAD TYPE—A leading Lettuce for home and market. Heads quickly, slow to run to seed, resistant to heat and cold. Crisp, tender, wonderful appearance and there is no better large solid header. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**225 May King** BUTTER HEAD TYPE—Medium small, light green, tinged very slightly at edges with brown. Early and especially suitable for all outdoor culture in the South, heads attaining a size suitable for use before other sorts in open ground. Also extensively used for forcing, forming very firm heads of medium size and excellent quality in the shortest time. May King is a very compact grower and is very desirable for home garden use as well as for marketing. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

**212 Hastings' Superba** BUTTER HEAD TYPE—The biggest lettuce of all, a most beautiful solid, extra large heading variety, especially resistant to heat. Outside leaves light green, becoming more and more yellow towards the center. Especially desirable for home gardens and markets; but not for shipment. For crispness, tenderness and freedom from bitterness it is unexcelled. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**221 DIXIE HARD HEAD** BUTTER HEAD TYPE—It is such a bard header that it is very difficult to get it to produce seed. In general character much like California Cream Butter, but is a much barder header, presents better appearance in market, and is slower than any other variety to run to seed. Each year we are more impressed with its great value for home or market gardeners. Large, solid heads. Pkt., 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

**REMEMBER—GOOD GARDENS COME FROM GOOD SEEDS.**

**211 HASTINGS' DRUMHEAD** CRISP LEAF TYPE — Also called Los Angeles Market, New York and Wonderful. No variety that we have ever carried has had a steadier sale. Superb for home gardens and for market. When properly grown it reaches large size. One gardener near Gainesville, Florida, produced a single head weighing nearly 4 pounds. It is always large, with outer leaves a clear, light green color; inside of the head almost pure white. Leaves are large, extra crisp and tender and entirely free from all bitter taste. The most popular lettuce grown in America. Generally wrongly called Iceberg on the market. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.



(211) Hastings' Drumhead—Greatest Shipping Lettuce.

**220 CALIFORNIA CREAM** BUTTER HEAD TYPE known as "Royal" in some localities. Good for open ground planting at all seasons in the South. Fine variety for market gardeners and shippers. Heads large and solid, the inside bleaching to a beautiful cream yellow when properly grown. The pure strain of this variety can be distinguished by the small bronzy spots on the outer leaves. You will be delighted with this sweet juicy lettuce. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**209 Mignonette Lettuce** CRISP LEAF TYPE—A delightful first early, delicious, curled or crisp, small heading lettuce especially adapted to outdoor winter crop growing in the lower South and for cold-frame culture further north. Leaves are quite crumpled and form a small but very compact hard head which is very slow to run to seed. Excellent quality, with bronzed outer leaves. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**214 Grand Rapids** LOOSE LEAF TYPE—Best of all for forcing. Quick growing, hardy, upright, making a loose cluster of large savoyed or crimped leaves. Very attractive for garnishing and leaves hold up after cutting. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**208 CHICKEN LETTUCE** LOOSE LEAF BUTTER TYPE—See the picture of this medium green, curly leaf, cutting lettuce. It is called "White Early for Picking" in Europe, where it originated. It produces the largest mass of leaves of any known variety; is non-heading, has a spreading habit, and is the largest plant of lettuce in cultivation at maturity. Eating quality is lacking. Its great value is for green feed for poultry, pet stock and occasional greens for live stock. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$1.75. 5 Lbs., \$7.00.

**Well Known Varieties of Lettuce** (222) Improved Hanson. (219) Prize Head. (223) Black Seeded Simpson. (213) Brown Dutch—bronze leaf. Each—Packet, 5c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. These are all standard varieties.

**217 WHITE PARIS COS** This is true Romaine, the Celery Lettuce. Crisp, tender leaves and delicate flavor. Try some this fall. Fine. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.



(208) Hastings' Chicken Lettuce—Largest Growth of All



(306) Perkin's Mammoth Okra Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Not Prepaid—10 Lbs. or over, 50c per Lb.

## MUSTARD FOR WINTER SALAD

**Culture** Sow in any good garden soil thickly in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from four to six weeks from sowing, and can be cut all through the winter. Sow August to November. Plant one ounce of seed to 200 feet of row.

**278 Giant Southern Curled Mustard** Our Giant Southern Curled is the very best of the finely curled leaf strains, really beautiful enough to grace a flower garden. It is slightly pungent, crisp and tender and can be eaten like lettuce or boiled for "greens." The Hastings' strain of Southern Curled is now offered by one or more leading Northern houses as "Ostrich Plume." Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**277 Chinese Mustard** An entirely distinct, yet thoroughly good variety of mustard. It is of much larger growth than the Curled, about the same quality for salads or boiling and remains in condition for use a long time. The quick, almost rank growth of the Chinese insures tenderness, mildness and freedom from bitter flavor. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**276 Florida Broad Leaf** Rather tall, upright, plants with much more leaf growth than other kinds. Leaves large, broad, rather smooth and with broad mid-ribs. Leaves when boiled are of excellent quality. This fine smooth leaved Mustard stays in eating condition without running to seed considerably longer than other varieties. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**279 White Mustard** The seeds of this variety are used in pickling for family use, and when ground up, compose what is known as "mustard" in the stores. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.



(278) Hastings' Mustard for Fall and Winter Greens

## PLANT GEORGIA GROWN OKRA

Okra or gumbo ought to be plentiful in every Southern garden. In our seed growing on the Hastings' Plantation we have developed splendid strains of Okra, being far superior to other strains, and we are sure that our selected seed will please you. Ounce plants 50 feet of row; use 8 Lbs. per acre. Ready to use in 8 to 12 weeks.

**305 Hastings' White Velvet Okra** A standard variety throughout the South for home use and local shipment; ready to use in 55 to 60 days. We have a fine, early, very round, smooth-podded strain of medium size, the pods being almost free from ridges and is not prickly to the touch. Our White Velvet we find to be the very best of all white varieties. It is the easiest variety to handle, is exceedingly prolific, dwarf growing and is the most satisfactory of all Okras for home gardens. Hastings' Plantation Grown Seed. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Not Prepaid—10 Lbs. or over, 50c per Lb.

**306 Perkins Mammoth Long Podded Okra** This green-podded Okra is by far the best for market and shipping purposes; ready to use in 50 to 75 days. With our strain the pods start from the bottom of the stalk within 3 or 4 weeks and the whole plant is covered to the height of a man's head (5 to 6 feet). Pods of a uniformly green color of unusual length, frequently 9 to 10 inches long. Pods are very slim and do not barden up. Hastings' Plantation Grown Seed. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Not Prepaid—10 Lbs. or over, 50c per Lb.

**304 Hastings' Dwarf Okra** The great demand for a good Okra with dwarf plant growth has been realized. We have tried many so-called Dwarfs only to be disappointed. We now have a fine, large green podded, very prolific, tender and good quality extra early Okra of uniform low or dwarf growth. The pods are thickly set on the plant and pods begin to form almost as soon as the plants show above the ground. Hastings' Plantation grown, best selected seed.

# SWEET PEPPERS

In fall planting, one ounce of seed will usually produce about 1,000 strong plants. Plant ½ Lb. to be sure of sufficient plants per acre.

## 346-California Wonder

The greatest Pepper ever introduced. It really is better than our Royal King. Nearly as large and earlier than true Chinese Giant, now almost extinct. Very large, square-shaped, four lobed, exceedingly mild, sweet, the thickest flesh and heaviest fruits of all Peppers. It packs well, ships well, holds up well; is exceptionally prolific and a true money maker for the grower. It sits upright, is ideal to stuff and bake or to serve whole with salad. Plants are of stocky, strong, erect growth. Fruits are uniformly regular in size and shape and well filled out. Picture below is of an average young green, first set fruit in our seed crop on the Hastings' Plantation, of course reduced in size. It changes to a brilliant light crimson. Packet, 15c. ½ Oz., 60c. Oz., \$1.00. ¼ Lb., \$3.00. Lb., \$10.00. 5 Lbs., \$40.00.

**355 WORLD BEATER** An outstanding strain of Hastings' Royal King type bell Pepper, now being extensively grown. Vigorous grower, sure cropper and very prolific. Fruits turn a beautiful scarlet, exceedingly mild; flesh thick and firm and an excellent shipper. Slightly more elongated than Royal King and in that usually slightly larger. You can't go wrong with World Beater. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**356 Large Bell or Bull Nose** The standard large variety for home use, market and shipping to Northern markets from Florida, Louisiana and Texas. Rather pungent flavor, early and a heavy producer of fruits 3 to 3½ inches long, and 2 to 3 inches across the shoulder. Deep green when young, bright crimson at maturity. Packet, 5c. ¼ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**352 Ruby King** Fine sweet pepper for home and market use. Very vigorous grower with large, sweet, mild fruits. A close favorite with Large Bell, slightly larger and certainly much sweeter and milder than that variety. Pkt., 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**359 Ruby Giant** Hastings' Ruby Giant is a cross between Ruby King and Chinese Giant, having the good qualities of both yet without the undesirable qualities of either. It is very attractive, grows to large size, is exceptionally mild, and when ripe is of a bright scarlet color. Flesh exceedingly thick, sweet, and so mild that it can be eaten raw. Pkt., 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$18.00.

**348 Hastings' New Tomato Salad Pepper** Pimiento selection, very mild or sweet, with very thick flesh. Exceedingly prolific, fine for canning, delicious eaten raw or chopped in salads. Very uniform in size and shape, shaped like a small tomato and as fine a quality as you could desire. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**350 Hastings' Golden Prize** Large, bright, golden-yellow variety; very sweet and mild. In some places this is eaten like an apple in the raw stage because it is said to cure chills and fever. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

**358 Hastings' Perfection** MILDEST FLAVORED OF ALL. It is absolutely free from the pungency of flavor distasteful to so many. Can be eaten raw like an apple, can be stuffed with meat and baked; can be used as a salad or canned for winter use. Has very thick, firm flesh which permits of its being scalded and peeled. The shape and regularity of size of this new and improved strain is wonderful. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

## HASTINGS' HOT PEPPERS

**349 Long Cayenne** HOT. Our Long Cayenne is a burning hot pepper. Cayenne is a long red pepper and this is the true type. Plant some of these for dried peppers during the winter. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**354 Red Chili Pepper** HOT. A well-known very hot, pungent variety. Fine dried for winter use. If you want very hot, pungent peppers for flavoring, Red Chili is fine. It is small and very bright red and exceedingly prolific. If you want the hottest peppers and a plenty of them, plant Red Chili. This is the best hot pepper we can possibly offer and it will please you. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**353 Tobacco Pepper** HOT. Famous pungent variety used to make Tobacco Sauce and is also grown for home and market use. 2½-foot plants, producing an abundance of extremely hot, bright scarlet peppers 1 to 1½ inches long. Easily gathered because fruits grow upright. Plant Tobacco for pepper sauce and late, hot peppers. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.00. 5 Lbs., \$28.00.

**347 Anaheim Chili** HOT. Long, 1½ by 7 inches; highly desirable Pepper. Not too hot but pungent enough to add Pepper flavor to any salad. Excellent for table use and canning. Largest hot variety. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**351 Hastings' Mixed Peppers** Almost all home gardeners want both sweet and hot peppers in their garden. This mixture gives you some of every kind in your garden. Packet, 10c. 3 Packets, 25c.



(357) Hastings' Royal King—The Ideal Pepper

## 357-Hastings' Royal King

Introduced by us in 1917. While it is a superb sweet pepper for home and market use we want to especially call the attention of the trucker or shipping market gardeners to its regularity of size and shape, making it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. This will insure its being a top price seller at all times. It is very prolific, bright, glossy and of large size. The flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity, and plants are of strong, stocky, erect growth. Taste it raw, stuff it with meat and bake it, or fill it with salads. You will like it. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.



(346) Hastings' California Wonder Pepper

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# HASTINGS' BERMUDA ONIONS



(289) Hastings' Bermuda Onions—Earliest, Mildest Flavored—Most Attractive Onions in the World

Back about 1890 this firm introduced the Bermuda Onion as a commercial crop to Florida. Later to South Texas and still later to Southern California. It has made good to an extent that no other onion type ever has. Each year millions of dollars' worth of Bermuda Onions grown from fall planted seed are shipped to Northern markets from Texas, Florida, California and the Gulf Coast.

We recommend the Bermuda varieties to you unreservedly for earliness, good yields and mildness of flavor. They are equally good young for pulling green or after fully matured. They are so mild in flavor that many people eat them raw, like an apple.

**288 Yellow Bermuda Onion** The most widely and largely planted of the Bermuda varieties. Before we introduced our Crystal Wax this was generally called White Bermuda, although it is a light yellow or straw color. This is the variety that made Texas famous as an onion growing State and we have always rightfully claimed that Hastings' is the finest seed in the world. The higher quality Bermuda Onions grown from Hastings' Seeds bring the highest market prices and often premiums above the best market prices. Our illustration shows the Bermuda as grown from October planted seed. Less than six months from seed sowing to fully matured onions. Because of its mildness it is immensely popular with millions of people who dislike the strong flavor of most onions. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00.

**289 Hastings' Crystal Wax Bermuda** The most attractive onion in the world. Our own introduction and one of which we have been exceedingly proud. It is the only pure white Bermuda Onion and has a most beautiful waxy appearance that makes it sell on sight in the retail markets. In New York and other large markets our Crystal Wax sells at 25 to 50 cents per crate above the Yellow Bermuda. Except in color it is identical with the Yellow Bermuda; has all its desirable qualities combined with much more handsome appearance. Hastings' Crystal Wax is an excellent home garden Onion as well as for market gardens and shipment. Being such a mild and beautiful Onion and so easily grown it is especially suited to home garden use. This is the mildest and earliest of all Onions. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00.



From a Photograph Showing Hastings' Screened and Well Cleaned Silver Skin and Yellow Globe Onion Sets

**SILVER-SKIN ONION SETS** Sets from White Portugal or Silver Skin seed. Make large silvery white onions of fine quality when mature. Lb., 40c. 8 Lbs. (pk.), \$1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about \$4.50. Write for our best quantity prices when ready to buy.

**YELLOW ONION SETS** Make medium sized, globe-shaped yellow onions. Lb., 40c. 8 Lbs. (pk.), \$1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about \$4.25. Write for quantity prices.

**Garlic Sets** Pure Italian Garlic Sets. Pound, 40c. 3 Lbs. for \$1.00; postpaid.

# ONION SEEDS

The Bermudas are the earliest to mature, and hold a distinct place, both as a commercial crop and as well for home gardens and nearby markets. There is a place, however, that they do not fill. They are early and the quantity of them grown is so small compared with the large and steady demand for onions that the Bermudas seldom take care of the market over two months in the year. This leaves a nine or ten months' demand to be supplied with other varieties, for the Bermudas, unless carefully handled, do not keep well over three months. Do not plant too early. Onion Seed will not germinate well in the hot weather we generally have in August and first half of September. One ounce plants about 200 feet of row.

**293 Hastings' Yellow** Like the Snow White and Dark Red, it has a distinct globular shape. All our **Globe Onion** Globes are extra large in size, and large croppers as well as first-class keepers from the firmness and solidity of the flesh. Color a very light shade of straw yellow, almost the same color as the Bermuda Yellow. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**292 Hastings' Snow White** Our illustration shows the shape of these onions. Handsome snow-white hull, with a waxy appearance. It is large, firm, rather mild, and a first-class keeper. Remarkably even and uniform in growth; will always prove a favorite wherever it once appears on market. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**291 Hastings' Dark Red** Has a richness in coloring of the skin that is found in no other. **Globe Onion** Onions are large, perfectly globe-shaped, and of rich, deep dark red color. Exact shape and size of the White and Yellow Globe, the only difference being in the color. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$2.75. 5 Lbs., \$11.00.

**296 Hastings' Prizetaker** Our Prize-taker **Onion** is of the very best American growth, far superior to all imported seed and 'way ahead of the Prizetaker Onion offered by most American houses. It has been most successfully grown in all parts of the Central South from both fall and spring sowings. It is very large, frequently measuring 12 to 18 inches in circumference, and fine bulbs have been raised weighing from 4½ to 5 pounds each. During the last five years we have seen some splendid market crops of Prizetakers raised even under very unfavorable conditions, not only in Georgia, but in practically every one of the Southern States, showing Prizetaker to be well adapted to our entire section. Prizetaker is a light straw-colored onion with a pure white flesh, very fine grain with rather mild flavor, and will keep for any reasonable length of time. Pkt., 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

GOOD GARDENS CUT STORE BILLS



(292) One of Hastings' Big Globe Onions Grown Direct From Seed

**286 Extra Early Red** First red Onion to ripen. Bulbs are firm, medium sized, uniformly flat, moderately strong flavored. Flesh is white tinged purple and skin rich purplish red. Earlier than Red Wethersfield and very desirable for early market and home use. Keeps well for an early Onion. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**300 Silver Skin Onion** White Portugal. A famous variety for raising sets because the little bulbs are so uniform. Also a pickling onion with silvery white skin and mild flavor. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**285 Large Red Wethersfield** One of the oldest varieties listed by American seedsmen and has retained its popularity wonderfully well through the years. It's easily grown to full maturity from the black seed and is a fairly good keeper into winter. Almost round, of large size and deep red color. In flavor decidedly pungent. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**294 Yellow Globe Danvers** Very productive and a good standard variety for both home use and market. A fairly good keeper, solid, rather mild; earlier than the Hastings' Globe Onions. Skin of pale yellow color. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**297 Australian Brown** One objection to a good many folks have to growing **A Long Keeper** ing onions is the fear that they won't keep over. Australian Brown is the answer to these doubters for this variety has been known to keep in perfect condition (except for a little shrinkage and loss of weight) for a solid year from the time it was pulled from the ground. For a late maturing, long keeping onion to last for a long time, stored in a dry place, Australian Brown has no equal. If you plant the Bermuda, Prizetaker or the Hastings' Globe varieties and Australian Brown, you can count on a supply practically the year round. About a month later than the earlier sorts but of neat, round shape, very firm and solid, the longest keeping onion known for warm climates. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**295 Extra Early Barletta** Pure white, growing about one inch in diameter and just the right size for pickling. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**290 Giant White Tripoli** Also known as El Paso or Large Mexican. A large flat, pure white, mild onion. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.



(297) Australian Brown—The Long Keeping Onion

# Garden or English Peas for Planting in the South

Many of our customers don't plant Garden Peas because they don't bear long enough. Plant seed deeper and work soil up around stalks, and Peas will stay in bearing twice as long. You should plant more Peas.

## Culture

For fall planting in the Central South, Garden Peas should be sown early in September, especially the second early varieties. Extra early sorts, such as John L., can be sown throughout September and will mature before frost. In Florida and along the Gulf Coast they may be sown during any of the fall months, October and November being preferable. Sow in drills, covering seed 2 to 3 inches deep, according to soil. To avoid the necessity of staking or brushing, plant the peas in double rows 6 to 8 inches apart, and when the vines get large enough run them together. Most varieties of the earlies and second earlies are of sufficient stiff growth to support each other in this manner. Plant 2 pounds of peas to 100 feet of row. 56 pounds of wrinkled or 30 pounds of smooth peas make a bushel.

### 316 Hastings' John L.—Quickest Growing Pea

Earliest of all the extra early varieties; for home use, market or shipment. Since 1896 it has held the record for earliness against all of the best strains of early peas sold by other American seedsmen and during that time no pea has been introduced that equals it for earliness and productiveness in the extra early class. John L. is a standard with Southern gardeners, both for shipping and home markets, and every year we sell hundreds and hundreds of bushels of this variety to Florida shippers. Plant these early Peas this fall and have tender, delicious peas on your table and have them to sell at fancy prices. That's good gardening. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs., 13c per Lb.

### 317 Alaska Extra Early

Next to John L., this is the best, round extra early Pea; about one week later than John L. in earliness and is the best quality and heaviest bearer of all the round-seeded extra early varieties. A splendid shipper and canner and one of the very best you can plant in the garden for extra early home use. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing six peas. Seeds are of bluish shade, well rounded out and the fresh peas are about equal to the wrinkled Peas in quality. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs., 13c per Lb.

### 315 Hastings' Extra Early Surprise Pea

This extra early, wrinkled Pea beats them all in combining earliness, heavy-bearing and most delicious eating quality. While a true wrinkled variety it is a very early bearer. Vines grow 20 to 24 inches high and require no "staking" or "brushing" when planted in double rows. Foliage and pods are light green; round pods containing 6 medium sized green peas are 2½ inches long, with blunt ends. Uniform in maturity and yet very productive, fine for canning, shipping, marketing and eating at home. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

(316) Hastings' John L.  
Extra Early Peas

**319 Notts Excelsior** An extra early, dwarf-growing wrinkled variety, delicious flavor. Pods are more closely packed with peas than any other variety. Stout and heavy; 2¾-inch round pods with blunt ends; 6 light green peas of high quality; productive. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs. or over, 16c per Lb.

**331 Premium Gem** A dwarf, wrinkled, extra early variety, growing about 15 inches high, and is one of the earliest of the good quality varieties for home gardens. Deserves its popularity. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

**330 Gradus or Prosperity** This is a superb extra early wrinkled variety with immense pods, is hardy and prolific. Grows 2½ feet high, strong and vigorous. Quality delicious, 3¾-inch medium green pods with 6 to 8 large, sweet peas. Pods are uniformly well shaped, pointed and much more handsome than the first early varieties. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs., 16c per Lb.

**324 Laxtonian** This handsome new early wrinkled Pea is the easy leader of the large podded dwarf growth varieties. This type has grown rapidly to the front and is in great demand. Very large, dark green pointed pods, 4 inches long, with large, light green, flattened, wrinkled peas of fine quality. Dark green vines about 15 inches high; vigorous and very productive. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs. or over, 18c per Lb.



(323) Thomas Laxton—Best Pea



**323 THOMAS LAXTON** This pea is considered the finest pea in cultivation. It is early but a heavy bearer and professional growers as well as home gardeners say it is the greatest pea of today. Closely resembles the Gradus or Prosperity but harder and slightly earlier. Pods with 7 peas are about 3 1/4 inches long, straight, well filled, rounded with rather a blunt end. The large wrinkled peas are of a greenish cream color and the plants are very vigorous growing. This is a very popular variety among the Florida and Gulf Coast growers. The flavor is very pleasing and the peas retain their tenderness. Packet, 10c. 1/2 Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

**314 Little Marvel** An excellent dwarf sort for the market and home garden. The pods average a little longer than those of Premium Gem, are more attractive in shape and color and the peas are of superior quality. The vines are heavily set with large, straight, deep green pods which are square ended and are well filled with 7 large tender peas. Peas dark green, wrinkled and very prolific. This is a recent introduction which trials show us to be of exceptional merit. Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

## Second Early—Heavy Bearers

**329 Bliss Everbearing** The greatest favorite among our customers for home gardens and nearby markets. Height of vines, 2 to 3 feet. Pods 3 to 4 inches long, each pod containing 5 to 6 wrinkled peas of very fine table quality. Size of peas large to very large, frequently 1/2 inch in diameter. Its habit of growth is of peculiar branching character, forming as many as ten stalks to a single root. The individual or separate branches are of extraordinary strength and substance so that when filled up properly they stand up well without "brushing." This variety is especially noted for its continuance of bearing, a characteristic which gives it special value. Even after repeated picking the vines continue to develop buds and blossoms which mature fine peas. Packet, 10c. 1/2 Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered until winter.

**328 Hastings' Home Delight Pea** Planted by tens of thousands of our customers with entire satisfaction. Earliest bearer of the second early or heavy-bearing varieties; a strong, vigorous grower, coming in right after the extra early sorts, and while enormously productive is of such stiff, stocky growth that it can be grown without "brushing" when planted in double rows 6 to 8 inches apart, rows running together as soon as high enough. The sweetness and tenderness and heavy-bearing qualities give entire satisfaction. Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs. or over, 15c per Lb.

**327 Hastings' Improved Telephone Pea** One of the best tall-growing, wrinkled varieties; profitable to both home and market gardeners. 4 to 6 feet tall and must be supported; immensely productive, bearing 25 to 30 extra large pods to each vine. It has that excellent sugary flavor, so desirable in garden peas. Vines and foliage strong and heavy, medium green. Pods 1 1/2 inches long, medium light green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive. Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 19c per Lb. 100 Lbs. or over, 17c per Lb.

**332 Champion of England** Richest, best flavored late peas. Tall growing, 5 feet, peas with wrinkled seeds; heavy bearer. Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs. or over, 15c per Lb.



(329) Hastings' Bliss Everbearing Peas—Fine for Gardens

**321 Large White Marrowfat** Old, well-known variety that is a favorite. When properly "brushed" it is an exceedingly heavy bearer and very profitable. Hand picked stock. Packet, 10c. 1/2 Lb., 20c. Lb., 35c. 2 Lbs., 65c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs., 14c per Lb.

**326 Sugar or Salad Pea** A distinct variety with edible pods, cooked and eaten in the same manner as snap beans. These are great favorites with those who have once used them. Packet, 10c. 1/2 Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs., 18c per Lb.



(328) Hastings' Home Delight—Fine Second Early Pea

**PARSNIPS** Sow seed thickly in rows about 16 inches apart. In Florida and Gulf Coast section from September to December for winter and spring crop. Ounce plants 100 feet of row; use 5 Lbs. per acre.

**311 Improved Hollow Crown** The best all round variety; leaves start from a depression in the crown of the root. Rich, very sweet flavor. Immensely productive, ready for use in 80 to 85 days. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**PARSLEY** An extremely beautiful plant for garnishing. Can be grown in fall or spring in drills 15 inches apart. When plants become strong, thin to 6 inches apart. Parsley seed usually takes 3 to 4 weeks to germinate. Soak seed 12 hours in water before planting. Keep free from weeds. Sow 1 ounce to 200 feet of row.

**308 Extra Moss Curled Parsley** Our fine strain of Extra Moss Curled is the most ornamental of all varieties. It is handsome enough to have a place in your flower garden, a favorite sort for garnishing and to supply hotels and markets. It is planted almost exclusively by Atlanta market gardeners for that purpose. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**309 Double Curled Parsley** Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, giving a general appearance of coarse moss. Often used by market gardeners. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**310 Plain Leaved Parsley** Is very hardy, a strong grower, and excellent for seasoning, for which purpose it is grown almost exclusively. Packet, 10c. Oz., 15c. 1/4 Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



(308) Moss Curled Parsley Leaf

# HASTINGS' RADISH SEED

**Culture** Radishes require a rich, moist soil, so they can be grown quickly. The crisp, tender flesh depends on rapid growth. Successive plantings should be made every 10 days to keep up a supply. For quick use plant the round or button Radishes. For later use plant the long and half-long varieties, as they root deeper and resist heat and drought. Winter Radishes should be sown in August and September. Sow thinly in drills one foot apart; cover  $\frac{1}{2}$  inch. Our Radish seed is the very best, grown from carefully selected and transplanted roots. Radishes are very easy to grow. Sow one ounce of seed to 100 feet of row; 10 to 12 pounds per acre. Radishes mature in 3 to 6 weeks.

**376 Hastings' Early Long Scarlet** Most popular of all Radishes for garden use and market. Our illustration shows the regularity and fine shape of our strain of this variety. It's a favorite everywhere, no vegetable garden being complete without it. Tops rather small, roots long and tapering to a decided point; color an intense bright scarlet. Flesh is very crisp and tender and when grown rapidly, as all Radishes should be, it is free from pungent taste. About 6 inches long. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**388 Long White Vienna or Lady Finger** Early, attractive, long white Radish of excellent quality. Tops are of medium size. Roots are clear white, slender, smooth and average when mature 6 to 7 inches long by  $\frac{1}{4}$  inch in diameter. Flesh is very crisp and tender. Desirable for market and home garden use. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**382 Long White Icicle Radish** Excellent and profitable; a distinct sort, ready for use as soon as Early Long Scarlet and has fewer leaves. Admired alike for open air and under glass. The Icicle is a clear white in color, 6 inches long, slender and tapering shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for both market and home gardeners who want an early, long Radish. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**389 French Breakfast** Very tender and mild, favorite early half-long variety in the South both for home and market use. Color bright red with white bottoms. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**383 Hastings' Glass or Cincinnati Market** After we introduced this "Cincinnati Market Radish." It is bright pink with white tips; very regular and uniform in size and shape. Flesh transparent, giving it the name of Glass Radish, always crisp and brittle, with mild flavor even when grown to large size. Desirable for both market and home use. A greatly improved strain of Long Scarlet, so popular everywhere. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**384 Half Long Deep Scarlet** About half way between Scarlet Button and Long Scarlet in shape. Of most beautiful appearance, and in market brings high prices. Skin is brilliant scarlet; flesh clear white; crisp, tender and free from pungency or hotness. Extra early and thoroughly satisfactory to Southern gardeners who plant it. Of quick growth and seldom becomes pithy, even when old or in bad growing seasons. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**381 Scarlet Button Radish** Also called Scarlet Turnip. A favorite extra early radish; round form and deep scarlet skin; mild flavor, crisp and tender; short narrow leaves, making a very small top. Scarlet Button is a popular radish, resembling Rosy Gem, except it hasn't the white tips. The round or button type is the most popular garden radish and our Scarlet Button leaves nothing to be desired. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**375 Rosy Gem Radish** Also called "White Tipped Scarlet Turnip." Favorite among market gardeners for forcing as well as for open ground growth. We have seen it ready for market here in Atlanta in 18 days from the time seed was sown. A most desirable variety for home gardens and almost identical with the Scarlet Button except has white shading at the base of root. One of the earliest varieties; globe shaped, with rich, deep scarlet top, shading to pure white at the bottom. Very tender and crisp, never becoming pithy until very old. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50. (See Picture of Rosy Gem on Front Cover Page. None Better.)

(376) Early Long Scarlet Radish

## 372 Early Scarlet Globe

Slightly olive shaped, almost globe shaped, with white, tender, crisp flesh and rich, bright scarlet-red skin. This Radish is especially recommended to gardeners as a large, first early forcer and is very desirable for first early planting outdoors for home garden and market. Uniform in color, shape, fineness of top and time of maturity and unsurpassed in quality. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**378 Crimson Giant** A large sized extra early turnip radish, a little longer in shape than the Scarlet Button but brighter color; twice the size. It grows quickly and even when it attains large size remains tender and of fine flavor to the last. Will prove a money-maker for the market gardener, as its bright crimson color makes it a seller on first sight. Equally valuable for home garden use. Packet, 5c. Ounce, 10c. (382) Hastings Long White Icicle  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**390 California Mammoth White** WINTER RADISH. Largest of all winter Radishes and extensively grown by the Chinese gardeners in California. Grows about 8 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh; solid, crisp and of good flavor. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

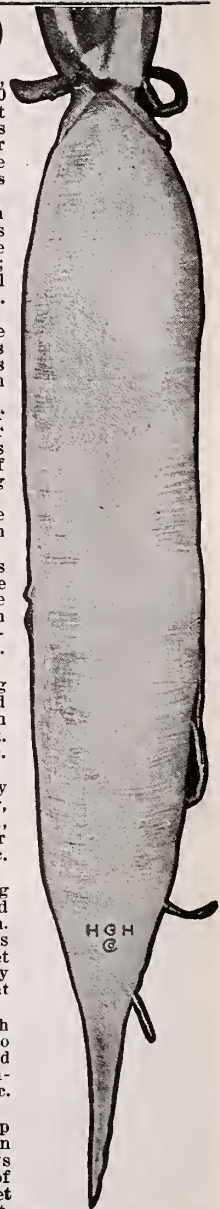
**377 China Rose Winter** WINTER RADISH. Distinct handsome variety of winter Radish. Skin a deep rose color, flesh pure white, crisp, of pungent flavor. Good keeper well into spring. Roots cylindrical, blunt at both ends, 4 to 5 inches long, 2 inches thick; smooth skin. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**386 Black Spanish Winter** WINTER RADISH. Best black skinned Radish. Roots round,  $3\frac{1}{2}$  inches across, crisp white flesh. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**387 HASTINGS' MIXED RADISHES** Many don't want to make more than one Radish planting to last all season and our mixed Radishes fill the bill exactly for this purpose. Hastings' Mixed Radishes contain some of each variety catalogued by us, except the winter varieties. There are early, medium and late varieties, the round, the half long and long. For home garden use we sell tens of thousands of packages of this justly celebrated mixture every year. It is deservedly popular, giving as it does a succession of crisp, tender Radishes throughout the season from one sowing. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.



(381) Hastings' Scarlet Button Radish



**SALSIFY Vegetable Oyster** Salsify is a most nutritious winter vegetable. The roots are delicious and may be served in many ways. The flavor is much like oysters and especially where it is difficult to get fresh oysters, Salsify is very popular. Let it grow until frost. It is even improved by being frozen.

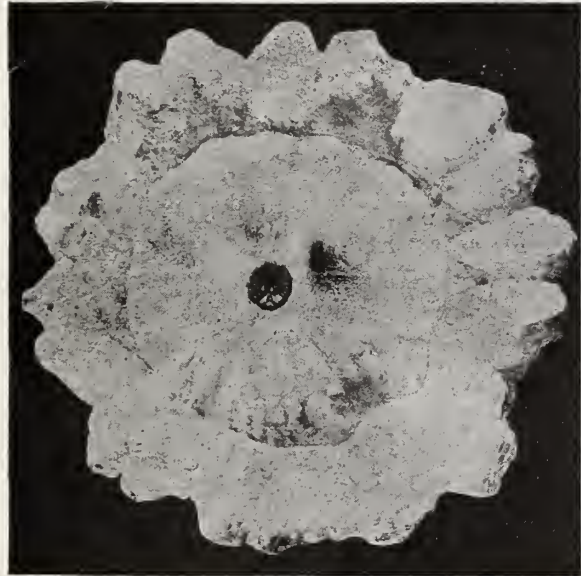
**CULTURE**—Salsify succeeds best on a rich, light, deep soil. Avoid fresh manure as it makes badly shaped and uneven roots. Sow seed in September and October in Florida and the lower South, in rows about 18 inches apart and thin plants to 3 inches apart. Cover seed ½ inch. Cultivate frequently and dig when needed through the winter but all should be dug before growth begins in the spring. Roots may be dug and stored in a pit or cool cellar. Sow one ounce to 100 feet of row.

**404 Mammoth Sandwich Island** Easily the best variety. It is a large and strong grower with long, smooth, white tapering roots, excellent in quality and less likely to branch than other sorts. Equally desirable for home and market gardeners. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. 5 Lbs., \$9.00.

## HASTINGS' BUSH SQUASH

These Squash can be planted in the Central South as late as August 15th. South Florida plantings can be continued as late as October 1st, either for home use or shipment. Plant one ounce to 25 hills or 2 to 3 pounds per acre.

**425 Early White Bush Squash** This is the well-known White Scalloped or Patty Pan Squash. It is one of the earliest to mature, very productive and of light cream color. Very popular variety for shipment from Florida, as well as being a general favorite for home gardeners. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



(420) Hastings' Mammoth White Bush Squash

**420 Hastings' Mammoth White Bush Squash** Double the size of Early White Bush and more regular in shape. It is very early, uniform in growth and prolific. It has a beautiful white skin and flesh, and grows 10 to 12 inches across. Fine for family gardens. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**422 Golden Custard** Largest scalloped variety; often 2 feet in diameter. Rich, dark golden yellow, smooth skin, uniform in growth. Regular bush form, very productive and finest quality. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**421 Yellow Summer Crookneck Squash** Old, well known variety of Crookneck Squash, for home and market gardens. Fruit small, of bright orange yellow color; and covered with watery excrescences. Flavor very rich and luttery. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**426 Giant Summer Crookneck Squash** Contains the good qualities and giving double the size of Yellow Summer Crookneck. For nearby markets and for home gardens, it is especially desirable. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**424 Early Yellow Bush Squash** Identical with Early White Bush except in color, which is a bright golden yellow. A fine Squash. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



## SPINACH FOR "GREENS"

**Culture** You can find no better vegetable to furnish an early supply of "greens" than Spinach. As "greens," its quality is unsurpassed, and were it more generally known in the Southern States almost every one would plant it. Our specially grown spinach is far superior to the spinach seed commonly sold. Its germination is stronger and better, the growth larger, more vigorous and hardier. Spinach requires rich soil, the richer the better, and can be sown during October, November and December, while the ground is not frozen. It germinates freely in cold weather and is a rapid grower. Sow one ounce to 100 feet of row.

**411 Hastings' Aragon Spinach** Very best variety for the South. Fine market size, having a large thick, green leaf, slightly crumpled or savoyed, and stands a long time before running to seed. The hardest of all varieties, standing an ordinary cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested and pleases all market gardeners who use it. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$2.00. Write for special price on 100 Lbs. or over.

**412 Bloomsdale** Also called Norfolk Savoy Leaved. Very early, upright growth, glossy dark green, crumpled, broad thick leaves and particularly fine for fall planting as it does best in cool weather. Extensively grown in the South for the home gardens and very popular with truck gardeners because of the large crops of thick leaves. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 50c. 5 Lbs., \$2.00. Write for special price on 100 Lbs. or over.

**416 NEW ZEALAND SPINACH** An all summer variety growing luxuriously in the hottest weather. Cut and it comes again, a few plants furnishing the finest flavored "greens" all summer and fall for an average size family. Plant in August and September where plants are to stand. New Zealand should be in every Southern garden for all summer and fall good "greens." Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for special price on 100 Lbs. or over.



(411) Hastings' Aragon Spinach

# Tomatoes for Summer and Fall Plantings



(455) Hastings' Big Red Rock Tomato for Home Use and Canning

**455 Red Rock, the Big Red Solid Meaty Tomato** Red Rock is the best large late red Tomato for home use, nearby market or canning. Matures in 110 to 115 days. It is extraordinarily solid, perfectly smooth, has no superior in texture or flavor and is as red as a Tomato can be all the way through. Meat is solid without being hard, and of the finest flavor. Practically no waste Tomatoes in a crop of Red Rock. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**460 June Pink** A Pink Earliana. Often brings 25 per cent higher price in markets where pink varieties are preferred. Enormous bearer, frequently bearing clusters of six to eight Tomatoes of medium size; uniform, smooth and attractively shaped. Bushes are compact yet branch freely. Excellent for shipping, a favorite with the market gardener for an extra early purplish pink Tomato and a delight in the garden. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

**443 Ponderosa** A giant among our Tomatoes. It must have rich soil to be a success, but fruit are very large; purplish pink in color, solid, meaty and very sweet. Being large and ribbed are for home use. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**448 Greater Baltimore** Mid - season, red, very heavy and extremely firm, thick meat. Fruit ripens evenly, free from ridges and cracks, fine cropper even under very unfavorable conditions. Great canning variety. We recommend it highly. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**441 Hastings' Improved Purple Acme** A big improvement over the old Acme. One of the very earliest, is almost round and has a thin but very tough skin. Our Improved Acme is a very heavy bearer, ripening evenly all over. Has a lovely purplish pink color, making it especially desirable as a market and shipping variety. Has few seeds; is thick, meaty and solid. It is desirable for market or home use with its fine color and flavor. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**446 Livingston Globe** A most popular Tomato with Florida shippers. Our seed stock is grown from Livingston's original strain and kept absolutely pure. We find it one of the earliest; fruit smooth and of good size, firm flesh and few seeds. Very productive, plants short jointed and clusters of fruit form at each joint. Fruit of right size and shape to pack well for shipment. Color of skin purplish red. Our observation is that almost all come true globe shaped, certainly thicker than others. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

**464 GULF STATE MARKET** Wonderful New Variety. Developed in Mississippi and found to be the best shipping variety ever grown. Earliest purplish pink variety with strong vines and blight resistant. Almost true globe shape and entirely free from cracks and blemishes at blossom end. Fruit in same cluster ripen uniformly so are economical to pick. In trials outyielded in number of fruit and in bulk all other shipping sorts. Also desirable for home and market. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

Hastings' Tomato Seed has a reputation surpassed by that of no other house in this country. It leads all others in the Tomato shipping sections of Florida, Mississippi and Texas.

**Culture** Scatter seed in bed or box thinly and cover with about ½ inch of soil. Before transplanting, break the soil deeply and work in stable manure or fertilizer thoroughly. Set plants 3 feet apart each way; give clean cultivation. As plants grow it is best to tie them to stakes except the dwarf sorts like Dwarf Champion. One ounce of seed makes about 1,500 good plants. Use about four ounces of seed for one acre.

## 463 HASTINGS' BRIMMER TOMATO

The largest of all Tomatoes. Single Tomatoes weighing 3 pounds and 18 inches around have been grown by training to a single stem. It must be staked. The Brimmer has no core, very few seeds and is solid and nearly all meat. It is an early variety and continues to bear the large sized fruit all through the season. Even though so large, fruits are well shaped, purplish pink and make the finest slicing Tomatoes, remarkably free from acidity, which keeps some people from eating Tomatoes. Grow the biggest and best Tomatoes with Brimmer. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$30.00.

**451 Avon Early** Earliest scarlet Tomato; has entirely taken Spark's Earliana place with us. Best of its class, fine shape, very free from cracks and green stem ends. Vigorous, continuous bearer, large for so early, 5 to 8 fruits to cluster; round or slightly flattened, of fine quality. Excellent for gardens and local markets. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**444 Hastings' Extra Early Prolific** Earliest, most prolific, smoothest and largest extra early. Vigorous, prolific bearer of fruit in clusters. Prized by market gardeners and for earliest home garden Tomatoes. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**442 John Baer** Extra early scarlet Tomato of real merit. Largest fruit of any extra early; flesh firm, quality and color excellent. Smooth, nearly round; vines hardy and very productive. Mild flavor, tough skin that does not burst when ripe. Especially valuable for market gardeners, canners and shippers. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**447 Hastings' Matchless** Large, second-early for home use, near-by markets or canning. Vigorous grower, productive and continues to produce until frost. Fruit large, very meaty and solid, with few seeds. Its color is brilliant red. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**453 Golden Queen** Very handsome and the best large handsome yellow Tomato. Meaty, solid and sweet, bright golden yellow color. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.



(416) Livingston Globe Tomato

**TOMATO COLLECTION—25c**

**Brimmer**, largest of all—**Avon Early**, greatest early bearer—and **Marglobe**, the best of all wilt and rust resisting Tomatoes. These are superb. Order several collections.

The 3 Outstanding New Tomatoes of today, as were pictured in natural colors on the front cover of our big 1929 general catalog. One packet each of **Hastings'**

## 445 Hastings' Redfield Beauty

Our Redfield Beauty has the right size, shape and color with heavy bearing, good eating and proper shipping qualities. In fact, it is a good all-round tomato. Its vigorous growth, heavy bearing over a long period and comparative freedom from rotting under adverse conditions make it a general favorite. Regular sized and shaped fruits grow in clusters of 3 to 5 and are glossy crimson red with purplish tinge. Unexcelled for toughness of skin and solidity and retains its large size until all are picked. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00. Write for larger quantity prices.

**439 Bonnie Best** A fine variety for the home garden and early market. Vines are vigorous and produce a good crop of exceptionally round and deep fruit, bright deep scarlet in color and of good quality. Crop ripens more uniformly than other early scarlets and is of superior solidity and interior color. Very desirable for beautiful shape and color. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**459 Early Detroit** Vigorous and productive; fruits medium size and of purplish pink color; firm and of good quality. A fine second-early variety, popular for home gardens, marketing and shipping. Fruits rather thicker than most varieties, especially adapted to Florida. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**449 The Stone** Extra large, smooth bright red. Used in some parts for winter shipment and a standard for canning. A large, smooth, solid, meaty Tomato for all purposes and a splendid variety to furnish late Tomatoes. Pkt., 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

### 452 Hastings' Dwarf Champion Tomato

**TREE TOMATO.** Our special strain of Dwarf Champion is the only first-class Tomato of sufficient stiff growth to stand up clear of the ground without staking, thus keeping fruit off the ground. Growth stiff, upright and compact; medium-sized purplish fruit, regular in size and shape and very smooth skin; one of our most popular and desirable varieties. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.



(445) Hastings' Redfield Beauty, the All Right Tomato for You All Times of the Year

### 456 LOUISIANA PINK NEW WILT RESISTANT.

Cross between Purple Acme and Earliana, developed by the Louisiana Experiment Station. It seems to have characteristics of both parents, and is a very heavy bearer of uniform, smooth, pink, medium-sized fruits. Skin is medium thick and flesh is firm; seed cavity small with few seeds. Medium early in ripening and especially resistant to wilt. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**440 NORDUKE-Wilt Resistant** New, very best resisting variety to date. Medium early, heavy bearer of large, smooth red fruit. It will not stand shipping but is excellent for local markets and home gardens. Far superior to Norton. If you are in wilt infested territory, plant Norduke. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

**462 MARGLOBE NEWEST WILT RESISTANT.** Main crop, scarlet-fruited variety, originated by the U. S. Dept. of Agriculture for wilt resistance. It is claimed to be also resistant to "nail-head rust" which attacks Tomatoes. Fruit are of medium size, smooth, solid and deep from stem to blossom ends. They are set in clusters of 5 to 7 on vines with medium to heavy growth. Cell structure is irregular. It is a cross between Marvel and Globe and really has retained the best characteristics of each. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**458 NORTON WILT RESISTANT.** A main crop, scarlet-fruited variety. Norton was a selection for wilt resistance from The Stone by the U. S. Dept. of Agriculture. Fruit are of medium size, smooth and solid. Norton is a heavy bearing variety and gives a good crop. The vines make a medium to heavy growth. It is one of the best long distance shippers and is the biggest seller of all the wilt-resistant varieties. You should grow some Nortons if you are in wilt territory and expect to ship or market Tomatoes. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

**454 Red Pear Shaped** Small odd looking Tomatoes. Very strong growers, and very

**450 Yellow Pear Shaped** productive. Suitable for preserves and pickling. Each—Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**461 Yellow Plum Tomato** Similar to the Pear Shaped but larger and plum shaped; sweet, meaty and prolific. A Girls' Canning Club favorite for preserves. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00. Write for larger quantity prices.



(452) Hastings' Dwarf Champion, The Tree Tomato

# FALL IS TURNIP PLANTING TIME

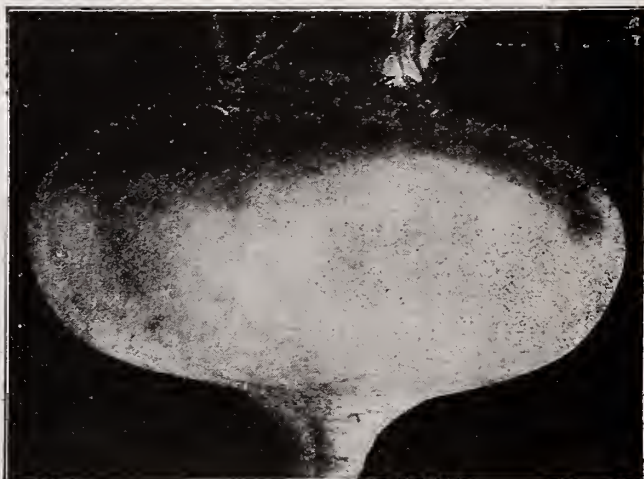
**Culture** Turnips is the big fall garden crop throughout the whole South. They are hardy, make delicious greens or turnip salad and the roots make a tempting table food all through the winter months.

Careful attention should be given to seed for planting as in all vegetables. You want the best and most delicious varieties and good strong seeds. Take no chances with cheap inferior seeds. The very best, as you see below, are very reasonable in price and it will pay you always to send your orders to Hastings.

Turnips do best on new ground or ground that has not been cultivated for several years. If stable manure is used it should be applied several months before the crop is planted as fresh manure makes spotted Turnips, inferior in quality and with a rank flavor. For fall or winter use sow Rutabagas July 15th to September 1st; Turnips August 1st to October 15th in this latitude; farther South they can be planted later, and in Florida plantings can be continued all through the winter. Sow 1 ounce of seed to 200 feet of row; 2 to 3 pounds per acre. Ready for use in 8 to 10 weeks.



(467) Hastings' Early White Flat Dutch Turnip



(466) Hastings' Early Red or Purple Top Turnip

**467 Early White Flat Dutch** One of the most popular varieties for either spring or fall plantings. Medium size and a quick grower. It is flat, as shown in the illustration above, with very small, fine tap-root. Flesh and skin pure white, fine grained and sweet. Especially fine flavored when grown quickly in fall or spring. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**466 Early Red or Purple Top** See the illustration of this variety above on this page. Another popular variety of early flat Turnip, being almost identical with Early White Flat Dutch except for the deep red or purple color of the skin at top of bulb; known in many sections as Purple Top Flat Dutch and Purple Top Strap Leaf. A very quick grower, with fine-grained, sweet-flavored flesh. The red top of the bulb extends down to where it rests in the ground. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.



(475) Hastings' Purple Top Globe Turnip

**471 Southern Snow-White Globe** Color pure white, shape round, size large, solid, quick growing for a Turnip, producing great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. In the autumn and early winter it is apt to be hard, but mellow like an apple in keeping. It is productive, hardy, and closely resembles Purple Top Globe. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**474 Golden Ball** A splendid and distinct yellow variety. Fine grained, medium sized, as round as a ball with a clear, deep, orange color. Bulbs of medium size, a rapid grower, maturing early. Has small tap roots. This is the finest flavored yellow variety. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**470 Long White or Cowhorn** Roots long and carrot-shaped, one-third showing above ground. It roots deeply, resisting drought and cold. Flesh pure white, fine-grained, sweet and of excellent table quality. Frequently planted together with Dwarf Essex Rape for stock food. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**475 Purple or Red Top Globe** Our most popular variety. Medium early, globe shaped, handsome appearance and heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. Always of good quality, a good keeper and seller. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**476 Extra Early White Egg** Try this Spring Turnip. Finest flavored of all early Turnips, and with favorable season is ready for use in 6 weeks. Skin and flesh a pure, snow white; solid, fine-grained, sweet, and a good seller. Looks very attractive bunched for sale, and gardeners sell at top prices. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**465 Extra Early Milan** Earliest of all Turnips. A flat, purple topped variety, resembling Early Red or Purple Top, but one to two weeks earlier. Perfect in shape and color; sweet and fine grained. Packet, 5c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.00.

# HASTINGS' BIG 7 TURNIP COLLECTION 35c

The most popular of all Turnip collections. Hastings' "Big 7" gives each family its chance to have a full supply of early, medium and late Turnips. For 35 cents we will send you, postpaid, one full ounce each of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Improved American Rutabaga, and Seven Top Turnip. Seven ounces of Turnips, all different, of the very best seed for 35 cents, delivered at your postoffice. No other varieties will be sold at this price and no changes will be allowed in this collection. If you do not want to plant all this seed this fall, what you hold over is perfectly good for next spring's sowing. This collection will give you all the Turnips any ordinary family can use and more. Remember: These are full ounces of Hastings' Turnip seed. All pictured on inside front cover.

## 7 Ounces, 7 Varieties, 35 Cents Postpaid



(477) Hastings' Seven Top or "Salad Turnip" for Greens

**469 Yellow or Amber Globe** Sometimes called Yellow Stone. Undoubtedly the best of the yellow fleshed sorts. Globe shaped, light yellow colored skin and flesh. Fine grained, sweet and a good keeper. A heavy cropper. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**472 Early Snowball** A splendid extra early white skinned and fleshed Turnip that is fine for spring or fall planting. Flesh snowy white, crisp and tender. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**477 Seven Top** The "salad" variety so largely planted in fall for greens during winter. Sown in earliest spring it also furnishes "greens" very quickly. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

## 478 NEW JAPANESE SHOGGIN TURNIP

We are glad to recommend this splendid new Turnip. It is the best combination variety for both bulbous root and tops for "greens" that we have yet seen. Furthermore, it is Louse Resistant and it holds its heavy crop of leaves up off the ground. The bulbs or roots are all white, resembling Purple Top Globe in shape except flatter on top; sweeter and milder than other Turnips, of excellent flavor, tender, fine grained and extremely popular with those who have tried it. The tops or leaves are large, thick, juicy, very succulent, tender and of finest mild turnip flavor.

With our seed crop on the Hastings' Plantation in 1928, planted in hottest and driest August, we were impressed with its ability to



(468) Hastings' Improved American Rutabaga—Finest in the World

**468 Hastings' Improved American Rutabaga** Best and heaviest cropper of all Rutabagas for the South. Of fine form, with rich purple colored top and light yellow flesh of most pleasing appearance. The flesh is tender, sweet and exceptionally free from hard, stringy nature. Has comparatively small tops, fine feeding roots, and is the surest and heaviest cropper. We have sold this special strain of American Rutabaga since 1894 and we have never had a variety of vegetable that has given such general satisfaction in all sections and in all kinds of seasons. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**479 Hastings' Mixed Turnips** A mixture of Turnips and Rutabaga listed by us, giving a variety of all varieties of Turnips from one sowing, root varieties as well as "turnip greens." Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

## SHOGGIN TURNIP

get a start and withstand the hot, dry weather even by young plants. It likewise stood the cold and washing winter and spring rains and produced a fine crop of seeds. There was no louse or other insect attacks on our seed crop. Where no insecticide spraying was done on an Atlanta truck farm, our Shogoin Turnip barely showed any signs of louse while Purple Top Globe, planted next to it, was practically eaten up by louse attacks and was a total loss. You will surely want Shogoin if you plant Turnips. Order at least a small quantity for this summer and fall plantings and see for yourself just how fine for all purposes this new Japanese Turnip really is. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.50. Write for our best quantity prices.

# HASTINGS' "HOME BEAUTIFUL" FLOWER SEEDS

See our Spring Catalog for our full list of flower seeds. Popular summer and fall planted varieties are here catalogued.

**LIBERAL PREMIUMS**—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For \$2.00 you may have 50 cents' worth extra, and for \$4.00 you may have \$1.00 worth extra. This offer does NOT include Bulbs, Roots, Plants or the special seed collections. Read carefully and please don't confuse it with field seeds, plants and bulbs. This Special Offer is for Flower Seeds and Vegetable Seeds in packets and ounces only.

## HASTINGS' FLOWER SEEDS

Flower Seeds, Bulbs and Plants for Summer and Fall Planting are described on these pages. For Evergreens, Shrubs, Trees and other Hardy Outdoor Nursery Stock, write for Hastings Nursery Annual, ready Oct. 1st. Remember, you get "Everything That Grows" from Hastings. Don't take a chance of getting something good. Be sure of getting the best there is grown. It doesn't cost any more and we are just as near as your mail-box.

## PERENNIAL FLOWER SEEDS

Greatest success with Perennials and Biennials is usually made from summer and early fall seed planting. Getting the plants of hardy flowers well started before cold weather enables them to stand the winter and allows them to grow rapidly and bloom the first spring or summer. Below you will find the most popular Perennials and Biennials. Full descriptions with many illustrations are given in our general spring catalog.

- 1050 **ANCHUSA**—HP. Italica, Dropmore. 3-5 ft., bushy, border plant; rich blue flowers. Packet, 15c. ½ Oz., 70c.  
 1150 **AQUILEGIA—COLUMBINE**—HP. Long Spurred Hybrids. 2-4 ft., branching; all colors. Packet, 25c. ¼ Oz., \$1.00.  
 1052 **ARMERIA—THRIFT**—HP. Formosa Hybrids. 6-8 inches, ground cover; rosy pink flowers. Pkt., 10c. ½ Oz., \$1.00.  
 1229 **CANDYTUFT—IBERIS**—HP. Sempervirens. 10-12 in., edging or rockery; white flowers. Packet, 20c. ¼ Oz., \$1.00.  
 1260 **CANTERBURY BELLS**—B. Single. Pkt., 10c. Oz., 50c.  
 1261 **CANTERBURY BELLS**—B. Cup-and-Saucer. Finest mixed colors. Pkt., 10c. ½ Oz., 75c.

**CARNATIONS—NEW DOUBLE GIANTS**—P. 2-3 ft. 1240 Mixed Colors. Large branching plants. Packet, 20c. ¼ Oz., \$1.10. 1241 Sparkler—Cardinal Red. Pkt., 25c. ¼ Oz., 75c. 1242 The Pearl—Flesh Pink. Pkt., 25c. ¼ Oz., 75c. 1243 Jeane Dionis—Pure White. Pkt., 25c. ¼ Oz., 75c. 1244 Marie Chabaud—Yellow. Pkt., 25c. ½ Oz., 75c. 1246 Marguerite—Small flowered mixed. Pkt., 10c. ½ Oz., 65c.

- 1288 **CHEIRANTHUS**—HB. Alpine Wallflower. 8-10 in., bushy; for edging or rockery; violet flowers. Pkt., 15c. ¼ Oz., 75c.  
 1401 **CLOVE PINKS**—HP. Dianthus plumarius. 12 in., for borders or rockery; several colors. Pkt., 10c. ½ Oz., 90c.  
 1380 **DAISY—DBL. ENGLISH**—HP. Bellis perennis. 6-10 in., bushy; for edging; white and pink. Pkt., 10c. ¼ Oz., 85c.

1384 **DAISY—SHASTA**—HP. 2-3 ft., bushy, border plant; white single flowers. Pkt., 15c. ¼ Oz., 90c.

**DELPHINIUM—PERENNIAL LARKSPUR**—HP. 3-5 ft., border plant. 1541 Wrexham Hybrids—English Hollyhock strain. Pkt., 15c. ¼ Oz., 85c. 1546 Belladonna—Light turquoise blue. Pkt., 25c. ¼ Oz., \$1.00. 1547 Bellamosum—Richest deep blue. Pkt., 20c. ¼ Oz., \$1.00.

1440 **DIGITALIS—FOXGLOVE**—HB-HP. Gloxinia-flowered. 3-4 ft., erect border plant; mixed colors. Pkt., 10c. Oz., 90c.

1558 **FEVERFEW**—HHP. Matricaria. 18-24 in., bushy border plant; white flowers. Pkt., 10c. ½ Oz., 65c.

1470 **FORGET-ME-NOT**—TP. Myosotis. 8-12 in., edging plant; blue and white flowers. Pkt., 10c. ½ Oz., 60c.

1475 **GAILLARDIA**—HP. The Dazzler. Largest, newest giant strain. 2-3 ft., bushy; red-gold. Pkt., 20c. ¼ Oz., 80c.

1477 **GYPSOPHILA**—HP. Paniculata—Baby's Breath. 2-3½ ft., branching border plant; white flowers. Pkt., 10c. Oz., 80c.

1500 **HELIOTROPE**—TP. 18-24 in., bushy, bedding plant; blue, white, rose shades. Pkt., 10c. ¼ Oz., 70c.

1502 **HIBISCUS**—TP. Mallow. 2-5 ft., branching plants; large flowers; showy colors. Pkt., 10c. Oz., 95c.

1510 **HOLLYHOCKS**—HP. Double flowers. Mixed. Pkt., 10c. ½ Oz., \$1.00. Also separate colors and singles if desired.

1538 **KUDZU**—HP. Vine, growing 50 ft. when established. Hay crop if desired. Pkt., 10c. Oz., 65c.

1539 **LATHYRUS**—HP. Hardy Sweet Pea. 6-12 ft. vine; bank or fence cover; white, pink. Pkt., 15c. Oz., \$1.00.

1526 **LILY. REGAL**—HP. Easily grown from seed; most beautiful of Lilies. Packet, 25c. ¼ Oz., \$1.00.

**PANSIES**—HP-HA. See Page 28.

**PETUNIAS**—TP. See Page 28.

1640 **PHYSOSTEGIA**—HP. False Dragon Head. 3-4 ft., border plant; lilac flowers. Pkt., 20c. ¼ Oz., 90c.

1661 **POPPY, ORIENTALE**—HP. New Giant Hybrids. Red, salmon and pink shades. Pkt., 15c. ¼ Oz., 75c.

1683 **RUDBECKIA**—HP. Giant Purple Cone Flower. 3 ft., border plant, rosy purple flowers. Pkt., 20c. ¼ Oz., 80c.

1775 **SWEET WILLIAM**—HP. Single mixed. Pkt., 10c. Oz., 35c. 1776 Double Mixed. Pkt., 10c. ½ Oz., 65c.

1780 **TRITOMA**—HHP. Red Hot Poker. 3-4 ft., erect; orange-red flowers in spikes. Pkt., 15c. ½ Oz., 90c.

**VERBENAS**—HHP. See Page 29.



(1400) Hastings' Superb Mixed Dianthus or Garden Pinks—Packet, 10 Cents, 3 Packets, 25 Cents. Ounce 65 Cents.

## Hastings' Dianthus or Garden Pinks

Our famous Garden Pinks add delight to any home. They are extremely popular all over the South and we are offering you the very finest varieties that can be grown.

1400 **HASTINGS' SUPERB MIXED**—Many prefer a few plants of many varieties of Pinks instead of buying separately. This magnificent mixture contains all the Chinese and Japanese Pinks, having the widest range of form, color and markings imaginable. Double flowers chiefly with some fine singles. Large Packet, 10c. 3 for 25c. Oz., 65c.

1402 **CHINENSIS DOUBLE MIXED**—All shades and colors of free flowering double China Pinks. Packet, 10c. Oz., 60c.

1406 **CRIMSON BELLE**—Largest single flowers of glowing crimson, beautifully fringed. Japanese type. Packet, 10c. Oz., 75c.

1408 **DIADEM DOUBLE PINK**—Variable tri-color in lilac, purple, red shades, white and fringed edges. Packet, 10c. Oz., 90c.

1410 **EASTERN QUEEN**—Large single flowers; exquisite coloring in bizarre or marbled rose and mauve. Packet, 10c. Oz., 75c.

1436 **FIREBALL**—Double maroon-scarlet, rich and extremely double. Goes fine with The Bride. Packet, 15c. ½ Oz., 90c.

1412 **LUCIFER**—Lacinatus Type—Double form of Vesuvius. Fringed and demanded for fiery orange-scarlet color and large size. Packet, 15c. ½ Oz., 90c.

1426 **MOURNING CLOAK**—White frills. Richest velvety maroon, nearly black body color with white petal edges in striking contrast. Very double. Packet, 10c. ½ Oz., 65c. Oz., \$1.00.

1439 **NOBILIS** (Royal Pinks). All colors of these beautiful single flowering Japanese Pinks. Wide range. Packet, 15c. ½ Oz., 90c.

1438 **PRINCESS PINK**—Punctatus Mixed—Excellent single sort; beautifully variegated. Marbled, flaked and striped colors. Packet, 10c. Oz., 90c.

1428 **SALMON KING**—Double laciniated type in a brilliant salmon, changing to salmon-rose. Packet, 15c. ½ Oz., 75c.

1430 **THE BRIDE**—Large, laciniated, silvery white with rosy purple eye and crimson ring. Handsome. Packet, 10c. Oz., 75c.

1432 **VESUVIUS**—Like the flames of the volcano, a fiery orange scarlet. Effective single laciniated flower. Packet, 10c. ½ Oz., 65c.

1434 **SNOWBALL**—Double pure white for planting alone or with others for striking contrasts. Beautiful Japanese type. Packet, 10c. Oz., 75c.



**AGERATUM** Colors are blue and white, grows 1½ to 2 feet tall, light green foliage with clusters of small, tassel-like flowers. Half hardy annual for lower South and for boxes and pots from fall sowing. **1010 IMPERIAL WHITE.** **1011 MEXICANUM BLUE.** **1012 BLUE AND WHITE MIXED**—Each: Packet, 10c. Oz., 60c. **1013 DWARF BLUE.** Packet, 10c. Oz., 80c.

**ALYSSUM** Free flowering tender annual border plants of quick fall growth for the lower South.  
**1020 SWEET ALYSSUM.** Grows 12 inches tall, finely cut foliage with clusters of small white flowers. Pkt., 10c. Oz., 50c.  
**1022 LITTLE GEM ALYSSUM.** 6 inches tall. Pkt., 10c. Oz., 75c.  
**1024 CARPET OF SNOW.** 2 inches tall. Pkt., 10c. Oz., 90c.

**CALENDULA SCOTCH MARIGOLD.** Very showy hardy annual for cut flowers, beds and borders. Colors yellow and orange, 12 to 20 inches tall outdoors. Fall sowings in lower South only. **1203 DOUBLE METEOR.** Cream picoté orange. **1205 LEMON QUEEN.** **1206 ORANGE KING.** **1202 HASTINGS' MIXED.** Double varieties. Each: Pkt., 10c. Oz., 30c.  
**1204 THE BALL.** **1207 BALL'S GOLD.** Each: Pkt., 15c. ½ Oz., 90c.

**CALLIOPSIS ANNUAL COREOPSIS.** See picture below. Colors bright yellow and rich brown with shades of red; 1½ to 3 feet tall; showy plants easily grown.  
**1216 SPLENDENS.** Tall golden yellow; newest. Pkt., 10c. Oz., 60c.  
**1217 TALL MIXED.** 2 to 3 feet tall. Pkt., 10c. Oz., 40c.  
**1218 DWARF MIXED.** Very rich colors. Pkt., 10c. Oz., 60c.  
**1215 GOLDEN WAVE.** Showiest dwarf. Pkt., 10c. Oz., 50c.

**CANDYTUFT** Iberis. Showy, branching, very hardy annual for fall or early spring sowing. Grows 12 to 16 inches tall. **1220 MIXED.** All colors and shades. **1221 CARMINE PINK.** **1222 DARK CRIMSON.** **1223 LAVENDER.** **1224 FLESH PINK.** **1226 ROSE CARDINAL.** Each: Pkt., 10c. Oz., 50c.  
**1219 GIANT HYACINTH—FLOWERED WHITE.** Huge, Hyacinth-like flower spikes; 18 inches tall. Pkt., 10c. Oz., \$1.00.

**CENTAUREAS** **1282 CORNFLOWER.** Bachelor's Button or Ragged Robin. See picture. Great favorite hardy annual, self seeder after started. Plant in fall or spring in the South. All colors, mixed. Pkt., 10c. Oz., 40c.

**1283 BLUE CORNFLOWER.** Blue in color. Pkt., 10c. Oz., 50c.  
**1280 DUSTY MILLER.** Silvery white leaves. Pkt., 10c. Oz., 75c.  
**1284 SWEET SULTAN.** Centaurea Imperialis. All colors, fully double. Flowers 3 to 4 inches across on long stems. Pkt., 10c. Oz., 90c.

**CYNOGLOSSUM** **1355 CHINESE FORGET-ME-NOT.** Beautiful Chinese novelty, 18 inches high, easily grown. Light blue Forget-Me-Not flowers. Annual. Pkt., 15c. ½ Oz., 90c.

**DAISIES** **1380 BELLIS PERENNIS.** True English double Daisy, growing 6 to 10 inches high and spreading rapidly. Perennial. Treat same as Violets. Colors rose-pink and white mixed. See picture. Pkt., 10c. ½ Oz., \$1.50.

**1384 SHASTA DAISY.** See picture. Grows 24 to 30 inches high, very large flowers. Perennial, lasting for years. Pkt., 10c. ½ Oz., \$1.60.

**LARKSPUR** Annual kinds are called Larkspur and Perennial kinds are Delphinium. Both may be sown in lower South in fall or farther North in cold-frames for transplanting in spring. Tall growing plants with large spikes of exquisite colored blooms. See picture of Larkspur.

**1542 GIANT HYACINTH FLOWERED.** Earliest and largest. Pkt., 10c. ½ Oz., 65c.  
**1544 TALL MIXED.** Taller growers, double Stock flowered, all colors. Pkt., 10c. Oz., 65c.

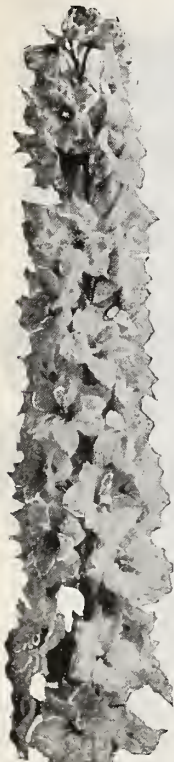
**1543 TALL SKY BLUE.** Most popular color of today. Pkt., 10c. Oz., 90c.

**FOUR O'CLOCKS** **1473 MIRABILIS.** Showy, free-flowering, self-sowing, annual, well adapted to the South. Sow in fall only in lower South or inside. Grow 2 feet high; flower colors white, yellow, red and violet with variegations. Mixed colors. Pkt., 10c. Oz., 25c.

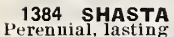
**GAILLARDIA** **1474 BLANKET FLOWER.** Strong growing, very showy, self sowing annual with Daisy-like flowers on long stems, covering the plants with a blanket of bloom; grow 18 to 24 inches high. Pkt., 10c. Oz., \$1.00.

**HELICHRYSUM** **1490 STRAWFLOWER** or Everlasting Flower. Grows 30 inches high, with attractive white, pink, red and yellow flowers that when dried last for months. Sow outdoors in fall only in the far South, otherwise indoors. Rather hardy annual. See picture below. Pkt., 10c. Oz., 90c.

**HELIOTROPE** **1500 HELIOTROPE.** Fragrant half-hardy Perennial treated as an annual farther North, but usually stands Southern winters if protected. Blue, white and rose flowers; grows 18 to 24 inches high. Pkt., 10c. ¼ Oz., 70c.



1544 Larkspur



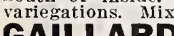
1384 Shasta Daisy



1542 Giant Hyacinth Flowered



1543 Tall Sky Blue



1473 Mirabilis



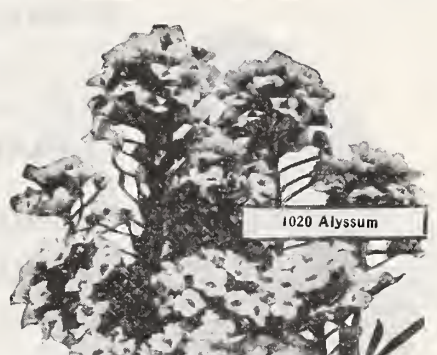
1474 Blanket Flower



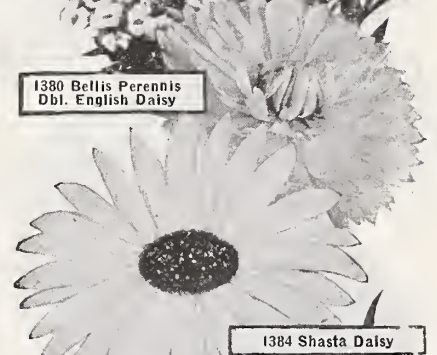
1490 Strawflower



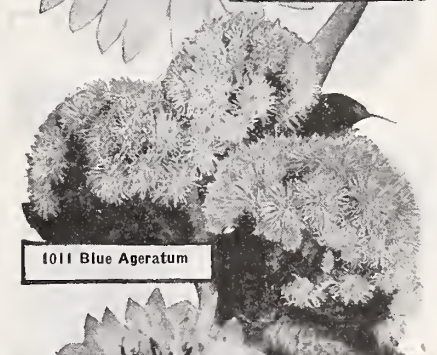
1500 Heliotrope



1020 Alyssum



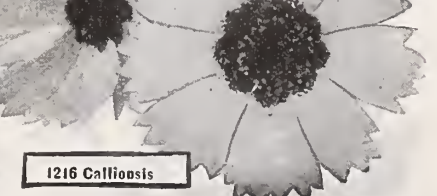
1380 Bellis Perennis  
Dbl. English Daisy



1384 Shasta Daisy



1011 Blue Ageratum



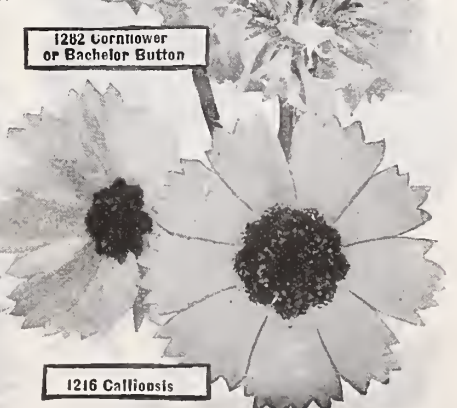
1216 Calliopsis



1490 Helichrysum,  
Strawflowers



1490 Helichrysum,  
Strawflowers



1216 Calliopsis

**MARIGOLD** Hardy, self sowing annuals, profuse bloomers, great favorites. Sow outdoors in fall in lower South only. **1554 DWARF FRENCH.** 6 to 8 inches tall, small highly colored flowers. Pkt., 10c. Oz., 60c.

**1555 TALL FRENCH.** Small flowers, 30 inches tall. Packet, 10c. Oz., 50c.

**1553 TALL DOUBLE AFRICAN.** Largest and best type, various shades of yellow and orange. Extra fine. Pkt., 10c. Oz., \$1.00.

**LUPINES** **1529 LUPINES MIXED.** Free flowering annual varieties. **1530 NANUS BLUE.** Rich blue with white tips. **1531 TEXAS BLUE BONNET.** Native light blue Lupine. Each: Pkt., 10c. Oz., 40c.

**MIGNONETTE** **1560 MIGNONETTE.** Sweet scented cone shaped flowers of white, yellow and red. Hardy annual; 1 foot high. Pkt., 10c. Oz., 25c.

**NASTURTIUMS** Everybody's flower for borders, boxes, beds or cut-flowers. Tall varieties climb on fences, stumps or flower stands. Tender annual for fall sowing in lower South or indoors. **1595 TALL MIXED.** All colors of climbing varieties. Pkt., 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 45c. Lb., \$1.25. **1590 BUSH OR DWARF.** Large flowers of gorgeous colorings. Pkt., 5c. Oz., 15c.  $\frac{1}{4}$  Lb., 45c. Lb., \$1.25. (Separate colors of Dwarf if desired; Gold, Rose, Indian Yellow, Purple, Dark Scarlet, Yellow-Red.)

**NIGELLA** **1597 LOVE IN A MIST.** Hardy annual with blue and white flowers for borders and cutting. Grows 18 inches high and has odd shaped seed pods. Sow outdoors in fall for best blooms during following summer. Pkt., 10c. Oz., 25c.

**PANSIES** Extremely popular hardy annual that stands most any Southern winter. For best results sow about September 1 for blooming all through the following spring and summer.

**1600 FRENCH MIXED.** Small. Pkt., 10c.  $\frac{1}{2}$  Oz., 90c.

**1601 TRIMARDEAU MIXED.** Larger, better strain, good colors. Pkt., 15c.  $\frac{1}{4}$  Oz., 70c.

**1602 HASTINGS' GIANT FLOWERING.** Best Cassier and Trimardeau Giants. Pkt., 25c.  $\frac{1}{4}$  Oz., 85c.

**1603 CASSIER'S SUPERB.** Enormous blotched flowers; extra. Pkt., 35c.  $\frac{1}{4}$  Oz., \$1.00.

**1604 HASTINGS' EXHIBITION.** Finest and largest in the world. Pkt., 50c.  $\frac{1}{8}$  Oz., \$1.25.

**PETUNIAS** Tender Perennials but treat as Annuals, doing especially well all over the South. Grow about 18 inches high, blooming profusely. Sow in fall only in far South or transplant for indoor growing in winter. Doubles and Giant Singles are not satisfactory for ordinary planting.

**1609 HASTINGS' LE LUXE BEDDING MIXTURE.** Extra large flowers, gorgeous colors. Finest mixture in America. New selected type. Pkt., 15c.  $\frac{1}{2}$  Oz., \$1.50.

**1610 FINE MIXED Solid colors.** Formula mixture. Pkt., 10c.  $\frac{1}{2}$  Oz., \$1.15.

**1611 STRIPED AND BLOTCHED** Violet with white stars. Pkt., 10c.  $\frac{1}{2}$  Oz., \$1.00.

**1617 BALCONY BLUE New;** fine, rich, large violet. Pkt., 25c.  $\frac{1}{2}$  Oz., \$1.15.

**1616 BALCONY WHITE** Finest, largest white. Extra. Pkt., 20c.  $\frac{1}{4}$  Oz., \$1.30.

**1618 GENERAL DODDS** Striking velvety blood-red. Pkt., 10c.  $\frac{1}{2}$  Oz., \$1.00.

**1619 ROSE OF HEAVEN** Dwarf; rich rose-pink. Pkt., 15c.  $\frac{1}{4}$  Oz., 90c.

**1614 ROSE MORN** Dwarf; pink with white throat. Pkt., 15c.  $\frac{1}{4}$  Oz., \$1.00.

**1612 GIANT SINGLE FRINGED** Immense; costly. Pkt., 25c.  $\frac{1}{16}$  Oz., \$4.00.

**1613 GIANT DOUBLES** 50% come double; costly. Pkt., 50c.  $\frac{1}{16}$  Oz., \$20.00.

**POPPIES** Well known, popular single and double flowers. These are annuals for fall planting in the far South.

**1650 HASTINGS' SUPERB MIXED.** The widest colors and shapes of single and double annual Poppies. Pkt., 10c. Oz., 50c.

**1654 CARNATION FLOWERED** Double fringed; mixed colors. Pkt., 10c. Oz., 40c.

**1662 PEONY FLOWERED** Double ball shaped; mixed colors. Pkt., 10c. Oz., 40c.

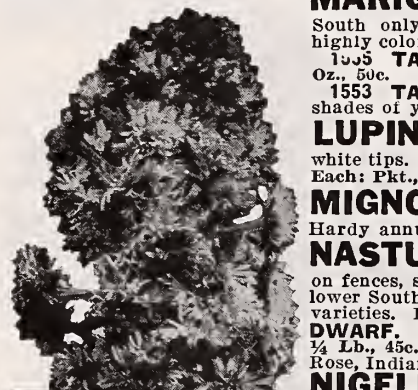
**1665 SHRIMP PINK** New Peony flowered; finest tall Poppy. Pkt., 10c. Oz., 40c.

**1672 SHIRLEY MIXED** Large single cup shaped of many colors. Pkt., 10c. Oz., 40c.

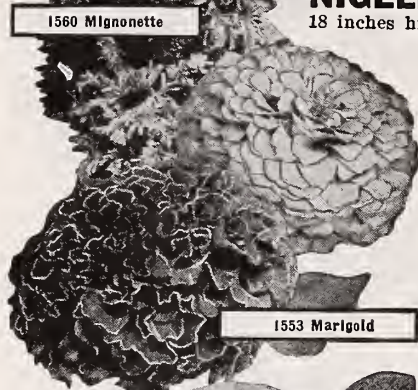
**1652 AMERICAN LEGION** Glowing scarlet; white maltese cross. Pkt., 10c. Oz., 90c.

**ESCHSCHOLTZIA** California Poppy. Low growing annual. **1450 SINGLE MIXED.** Yellow, orange, white. Pkt., 10c. Oz., 30c.

**1451 DOUBLE.** White, yellow. Pkt., 10c. Oz., \$1.00. **1454 GOLDEN WEST.** Single golden. Pkt., 10c. Oz., 30c. **1455 AURANT'ACA.** Orange, best. Pkt., 10c. Oz., 40c. **1456 CARMINE KING.** Pkt., 10c. Oz., 75c. **1457 WHITE.** Pkt., 10c. Oz., 30c.



1560 Mignonette



1553 Marigold



1672 Shirley Poppy



1611 Petunias



1455 Cal. Poppy, Eschscholtzia



1603 Superb Pansy



(1590) Nasturtiums

**PHLOX** These are hardy annuals except 1634. Easily grown; 1 foot high, with large clusters of brilliant flowers. Sow in cold frames or outdoors in lower South.

1631 **GRANDIFLORA MIXED.** Large flowers in large clusters for great display. Pkt., 10c. ¼ Oz., 60c.

1632 **CUSPIDATA STAR.** Star shaped flowers with pointed petals. Pkt., 10c. ¼ Oz., 60c.

1633 **NEW DWARF MIXED.** 6 inches high and covered with large flower trusses. Pkt., 20c. ¼ Oz., \$1.10.

1634 **HARDY PERENNIAL PHLOX.** All colors. Difficult to grow. Pkt., 35c. ¼ Oz., \$1.25.

**SCABIOSA** Also called Mourning Bride, Pin Cushions and Sweet Scabius. Attractive old-fashioned hardy annual in many colors. Sow in fall in lower South or protect from cold. 24 to 30 inches high. 1700 **MIXED.** 1701 **AGERATUM BLUE.** 1702 **FLESH PINK.** 1703 **CHERRY RED.** 1704 **SULPHUR YELLOW.** 1705 **SNOWBALL.** White. Each: Pkt., 10c. 3 for 25c. Oz., 90c.

1708 **CAUCASICA.** Perennial; blue. Pkt., 25c. ¼ Oz., \$1.25.

**SNAPDRAGON** Antirrhinum. Extremely popular tender Perennials that stand Southern winter if protected. Beautiful for beds, borders and cut-flowers, 18 to 24 inches tall with large spikes of rich blooms. Easily grown. 1040 **FINEST MIXED.** Pkt., 10c. ¼ Oz., 50c.

1042 **DEFIANCE.** Fiery orange scarlet. Pkt., 15c. ¼ Oz., 65c.

1046 **GOLDEN QUEEN.** Rich yellow. Pkt., 10c. ¼ Oz., 40c.

1044 **PURITY.** Finest pure white. Pkt., 10c. ¼ Oz., 55c.

1041 **SILVER PINK.** Florists' favorite. Pkt., 15c. ¼ Oz., 75c.

**STOCKS** 1698 **GIANT PERFECTION.** The Stock or Gilliflower is one of our most popular annuals for bedding or pot culture. It grows about 1 foot tall and produces fragrant flowers in various shades of red, pink, rose, blue, lilac, yellow and white. For winter blooming in pots or outdoors in the far South, plant in August or September in rich, heavy soil and keep them from drying out. You could hardly find a more satisfactory flowering annual. Pkt., 15c. 2 for 25c. Oz., \$1.00.

**SWEET WILLIAM** Dianthus Barbatus. Hardy Perennial, well known beautiful flowering plants in all shades of pink, scarlet, crimson, white and white with dark eyes. Forms a large head of clustered flowers that are fragrant. Grows 10 to 15 inches tall and while roots may be divided it is best to sow seed in late summer or early fall for blooms each following May and June. Better and larger flowers come from seed. 1775 **SINGLE MIXED.** All colors of brilliant flowers. Pkt., 10c. Oz., 35c. 1776 **DOUBLE MIXED.** Double flowers of bright colors. Pkt., 10c. ½ Oz., 65c.



(1044) Snapdragon

**VERBENA** Free flowering tender Perennial of low, spreading growth, usually treated as an annual. Sow in fall only in lower South or indoors. Easily grown, better for transplanting, grows 1 foot high and covered with clusters of white to deep purple, red and striped flowers. 1784 **CANDIDISSIMA.** Best white. Pkt., 10c. ½ Oz., 90c. 1789 **MAYFLOWER.** Rose-pink. Pkt., 15c. ¼ Oz., 75c. 1790 **PURPLE MANTLE.** Richest purple. Pkt., 10c. ½ Oz., 90c.

1782 **HASTINGS' GIGANTEA MIXED.** Largest, newest, finest of all. Pkt., 15c. ¼ Oz., 65c. 1785 **BLUE-WHITE EYE.** Gigantic rich blue. Pkt., 15c. ¼ Oz., 75c. 1787 **LUCIFER.** Gigantic scarlet. Pkt., 15c. ¼ Oz., 75c. 1791 **LUMINOSA.** New gigantic flame-pink. Pkt., 15c. ¼ Oz., 75c. 1792 **VENOSA.** Rosy violet species. Pkt., 10c. ¼ Oz., 55c.

**WALLFLOWER** 1800 **WALLFLOWER.** Well known fragrant annual type. Grows 18 inches high with terminal spikes of chocolate, orange, yellow, red and purple flowers. Finest doubles and mixed colors. Pkt., 10c. Oz., 40c.

**HASTINGS' MONSTER ZINNIAS** The flower for everyone. Gives more for the time and money spent than probably any other flower. While half hardy annuals and usually sown in spring, may be sown in the early fall in the lower South or for indoors. Make effective beds and borders with a range of colors through purple, crimson, violet, scarlet, rose, salmon, orange, yellow and white. Grows from 18 inches for the Dwarfs to 2 and 3 feet high for Tall and Monster Zinnias. Zinnias are the most popular flowers on our whole list. While this is written in June, we have already sold Zinnia seed to more than 100,000 customers this year. You must know they are popular and the finest Zinnias yet produced. The Cut-and-Come-Again listed below has ordinary sized flowers. The Monsters are the largest, flowers often 6 inches across, and largest plants in cultivation. While a new type, they are rather well fixed as to separate colors. The Dahlia Flowered are not yet thoroughly fixed as to colors, but come about 80% true colors. They are as large as the Monsters and are Dahlia-flowering in appearance. Very new and worth while. Transplanting produces better plants and flowers.

1814 **CUT-AND-COME-AGAIN.** All colors, medium sized flowers. Pkt., 10c. Oz., 95c. 1813 **LILLIPUT OR POM POM.** 15 inches high, covered with smallest, perfectly double flowers. Becoming immensely popular. Pkt., 10c. ¼ Oz., 50c. Oz., \$1.50. 1815 **PICOTEE.** Large double; picotated petal tips. Pkt., 15c. ¼ Oz., 75c. 1840 **QUILLED MIXED.** Cactus type, quilled petals. Pkt., 20c. ¼ Oz., 70c.

1812 **HASTINGS' MONSTER MIXED.** All colors of these Giants, finest and largest grown. Pkt., 10c. ¼ Oz., 75c. 1820 **MONSTER CRIMSON.** 1822 **FLESH PINK.** 1821 **ORANGE KING.** 1824 **PURPLE.** 1823 **ROSE QUEEN.** 1825 **SALMON ROSE.** 1826 **SCARLET.** 1828 **YELLOW.** 1830 **WHITE.** All monster varieties—Each: Pkt., 15c. ½ Oz., \$1.00.

1850 **DAHLIA FLOWERED MIXED.** New Monster Zinnias with overlapping, cupped petals to considerable extent. All colors. Pkt., 20c. ¼ Oz., 85c. Oz., \$2.75. 1862 **CANARY BIRD.** Yellow. 1854 **CRIMSON MONARCH.** Red. 1858 **DREAM.** Deep lavender. 1852 **EXQUISITE.** Rose-pink; finest of all Zinnias. 1856 **ORIOLE.** Orange-gold. 1860 **POLAR BEAR.** White. All Dahlia Flowered varieties—Each: Pkt., 25c. ¼ Oz., \$1.00.



1631 Annual Phlox

1700 Scabiosa

1775 Sweet William

1820 Monster Zinnia

HGH  
©

**HASTINGS' NURSERY CATALOG** Our new Nursery and Bulb Catalog will be ready for you October 1st. Be sure to write for this "Home Beautiful" book if at all interested.

# HASTINGS' SWEET PEAS

This is probably the most popular flower grown today and more improvements have been made than on perhaps any other flower. In the lower South, Sweet Peas are grown through the winter. In the upper South plantings are made from November to March, though January and February outdoor plantings are safest. Culture directions are on each package.

**EARLY FLOWERING SWEET PEAS** Especially adapted to greenhouse culture and outdoor winter planting in the lower South. They bloom about two weeks sooner than Spencer Sweet Peas planted at the same time, and bloom almost as freely. Try some along with the regular Spencers. The Early Flowering type or race is the newest thing in Sweet Peas.

**1766 BLUE BIRD** Violet Blue. Bright, brilliant mid-blue; vigorous, free flowering. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1767 FAIR MAID** Blush Pink. Exquisite, new; beautifully suffused salmon. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1768 GLITTERS** Orange-Scarlet. No other compares in richness, brightness, fiery effect. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1769 HARMONY** Lavender. Beautiful clear lavender, vigorous and free flowering. Best of its color. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1770 LOVELINESS** Pink. Suffused soft pink, edges picotée rose-pink. Vigorous; free flowering. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1771 SNOWSTORM IMPROVED** White. By far the finest white. Extra large, boldly waved; long stems. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1772 ZVOLANEKS ROSE** Giant Rose Pink. Finest selected strain of the finest of all Sweet Peas. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1765 HASTINGS' EARLY FLOWERING MIXED**—All Colors. Just the right proportion of many different varieties to produce the most pleasing and harmonious color effect. These are all Early or Winter Flowering Spencer Sweet Peas, the newest race or type. Packet, 15c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00.

**SPENCER SWEET PEAS** The finest race or type, extra large flowers, sometimes double the size of the old forms under good cultivation. Many of the Spencers have wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. Sweet Pea lovers and specialists who want to grow the largest and most beautiful blooms with long stems plant Spencers. They are far ahead of Grandiflora type and Hastings' Spencers are simply exquisite. These are the finest grown. Prices Below!

**1724 AUSTIN FREDERICK IMP.**—Lavender. Giant, bright, rosy-lavender.

**1725 COMMANDER GODSALL**—New Dark Blue or deep violet blue.

**1726 CONSTANCE HINTON**—Mammoth White. Finest and largest white.

**1727 CRIMSON KING**—Rich Deep Crimson. Doesn't burn like other reds.



1769 Early Flowering Sweet Pea—Harmony

**1728 DEFIANCE**—Orange-Scarlet. Richest and best red, a cerise. Stands sun and a brilliant wavy flower. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

**1729 EDNA MAY IMPROVED**—Pure White. Purest of all large flowers.

**1731 HAWLMARK PINK**—Deep Salmon Pink. Unsurpassed for exhibition.

**1732 HEAVENLY BLUE**—Clear Blue. New delphinium-blue of large size.

Clearer and best of all blues. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

**1733 HEBE**—Large Bright Pink. Rich, deep rose pink. Best clear pink.

**1734 ILLUMINATOR**—Salmon Cerise. Sparkling effect; large and luminous.

**1735 MARY PICKFORD**—Cream Pink. Most beautiful and greatest publicity received of all Sweet Peas. Huge. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1736 MATCHLESS**—Cream. Best of all cream or so-called yellow Sweet Peas.

**1746 MRS. ARNOLD HITCHCOCK**—Light Cream Pink. Exquisite, large.

**1747 PICTURE**—Deep Cream Pink. Gigantic blooms of beautiful coloring.

**1748 ROYAL PURPLE**—Best Purple. Strong grower and very floriferous.

**1740 SENATOR**—Chocolate and claret striped and flaked on heliotrope.

**1739 SUNSET**—New bright rose on amber ground, a very beautiful thing.

**1741 TANGERINE IMPROVED**—New Glowing Orange. The finest orange Sweet Pea yet introduced. Try it. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50.

**1750 THE CARDINAL**—Intense Poppy Scarlet. New and striking color.

**1752 THE LADY EVELINE**—Rosy Mauve. Best and finest rich deep lavender.

**1754 VALENTINE**—Blush. This pink blush should be in every garden.

**1755 WARRIOR**—Deep Maroon. Mahogany with bronzy cast; large, fine.

**1758 YOUTH**—Picotee. Large pure white with beautiful pink picotee edges.



(1735) Spencer Sweet Pea—Mary Pickford

**Spencer Prices** All Spencer varieties above unless noted otherwise. Each: Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**1720 Hastings' Mixed Spencers** This superb mixture is a beautiful blend of only the largest and brightest colored Spencer Sweet Peas. It includes all the above named varieties and standard Spencers of merit and many late novelties now being introduced. This we believe is the finest assortment and most pleasing and harmonious blend ever found in Sweet Peas or any other flower. It contains the most delightful array of colors you can imagine and the large, wavy and fluted flowers have almost an orchid-like appearance. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. 5 Lbs., \$9.00.

## GRANDIFLORA SWEET PEAS

The Grandiflora type is the common Sweet Peas that have been so popular for years. This type produces more flowers and stands indifferent treatment better than the newer types, but the flowers are not as large and stems are not as long.

**1713 AMERICA** Striped. Pkt., 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1714 DOROTHY ECKFORD** White. Pkt., 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1715 KING EDWARD VII** Crimson. Pkt., 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1716 LADY HAMILTON** Lavender. Pkt., 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1717 LORD NELSON** Blue. Pkt., 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1718 PRIMA DONNA** Pink. Pkt., 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1710 GRANDIFLORA MIXED**—All Colors. Made up of 60 of the best varieties of this type, selected after careful observation of nearly 500 named varieties. These have been selected for rich colors, shades and tints to give a proper blend of color and sun resistance. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00.

# Bulbs For "The Home Beautiful"

HASTINGS' BULBS—LIKE HASTINGS' SEEDS—ARE THE FINEST IN AMERICA

## Hastings' Mammoth Crocus

**First of all Spring Blooms** The Crocus is the first flower to bloom in the spring. Farther north it is often seen while snow still covers the ground. In the South it is perfectly hardy and may be left in the ground to bloom for years. Most every other thing of beauty seems afraid of frost, sleet, snow and all cold weather, but the undaunted Crocus comes right out with its beautiful appearance and lets us know that spring is on its way.

Crocuses may be planted for bed effects with other bulbs and will bloom and be out of the way before the other bulbs make their appearance. They may be grown in pots and boxes also but their natural and most beautiful effect is from planting them all through your lawn. They grow very low and will not hurt the lawn, which can be moved or cut close except during the two or three weeks the crocuses are in bloom.

Crocuses attract more attention than most any other flower because of their extra earliness and delightful rich colorings at a time when no other flower is in bloom outdoors.

A charming effect is made by planting them in clumps or singly in your lawn. They are most effective in large numbers, 100 to 500 in each bed or a part of your lawn.

2100 **BARON BRUNOW**—Purple Mauve. Very pretty and fine.

2110 **CLOTH OF GOLD**—Yellow and Brown. Exquisite combination.

2120 **NON PLUS ULTRA**—Deep Purple with conspicuous white edge.

2130 **QUEEN VICTORIA**—Pure White. Large.

2140 **SIR WALTER SCOTT**—White Striped Purple or Lilac.

2150 **YELLOW MAMMOTH**—Yellow. Extra large and grandest yellow.

2160 **MIXED CROCUS**—All Colors. Our mixture of all varieties above.

**PRICES**—ALL CROCUS—Dozen, 45 cents. 100 for \$3.00. 1,000 for \$27.50.

## HASTINGS' NEW GIANT FREESIAS

The sweetest flower that grows. These small bulbs give very delicate and beautiful blooms, their fragrance being especially delightful. In your home window these exquisite new Freesias will flower in six weeks after growth starts. The glistening flowers are borne on long stems and are very valuable for cutting. Plant a few every couple of weeks from August to October for a continuation of blooms. The foliage is very fine and slender and it is well to use light stakes in the pots for support. Our new colored varieties are simply exquisite. They are the very finest varieties in existence and are grown for us by the greatest Freesia specialist known. He is the originator of the exquisite colored Freesias, Mr. Alois Frey, the foremost grower and authority. *Refracta Alba* or *Purity*, the pure white, is, of course, still the most popular variety in cultivation.

2200 **REFRACTA ALBA**—Purity White. Standard and most popular Freesia grown. Our bulbs are  $\frac{3}{8}$  to  $\frac{1}{2}$  inches in diameter, large size bulbs and necessary for earliest and finest blooms.  $\frac{1}{2}$  to  $\frac{3}{8}$  inch bulbs are worth only \$15.00 per 1,000 and are not very satisfactory, to show you the difference. 6 for 30c. 12 for 50c. 50 for \$1.65. 100 for \$3.00. 1,000 for \$25.00.

2205 **AMETHYST**—Amethyst Blue. Beautiful new blue with light center. Strong sturdy growth. 3 for 25c. 12 for 75c. 100 for \$5.25. 1,000 for \$45.00.

2210 **CALIFORNIA**—Golden Yellow. Large flower, long stems, extra fine growth and bloom. 3 for 25c. 12 for 75c. 100 for \$4.50. 1,000 for \$40.00.

2215 **CARMENCITA**—Orange Salmon. Buff shading on lower petals; beautiful coloring, long stems. 3 for 25c. 12 for 75c. 100 for \$1.00. 1,000 for \$35.00.

2220 **GENERAL PERSHING**—Pink. Lavender tint, large flower and very popular. 3 for 25c. 12 for 75c. 100 for \$1.00. 1,000 for \$35.00.

2225 **ILENA**—Lavender. Rosy tint, white throat, orange blotch on lower petal. Large, attractive flowers. 3 for 25c. 12 for 75c. 100 for \$4.50. 1,000 for \$40.00.

2230 **OLIVETTE**—Red. Bright earmine red with light yellow throat; deep yellow blotch with crimson veins on lower petals. Very profuse bloomer. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.25. 1,000 for \$45.00.

### CUSTOMER NOTICE

Many bulbs for fall planting are grown for us in Holland, France and Japan. Bulbs listed in this Catalog usually arrive in Atlanta during August and September and may be successfully planted until December, except Easter Lilies until Nov 1st.

Because of terrible weather conditions in Holland last winter and spring, bulb crops of Tulips, Crocus and Hyacinths are very short. Top-size bulbs are scarce. Send in your order as soon as possible to be sure of your supply.



(2160) Hastings' Mammoth Crocus



(2200) Hastings' Exquisite Giant Freesias

## HASTINGS' LILY OF THE VALLEY

**2695** The finest Lily of the Valley "Pips" in the world are sold by Hastings. Holland-grown Pips are cheap, inferior, and they do not produce fine blooms like the Berlin-Wittenberg type, imported direct. These Pips are the best of all for all forcing purposes and will do fine for you for pot or box growing.

We are anxious for you to compare our Pips and their splendid blooms with any you can obtain anywhere. Remember, our Berlin-Wittenberg type Pips are "Top-Size" only. They produce strong spikes of 12 to 20 extra large, pure white bells each and are delightfully fragrant. The finest Pips, very easy for anybody to grow and about the quickest bulb we know to bloom. (3 weeks).

We can supply Valley Pips every month in the year. Set a bundle of 25 Pips, just as they come, in a pot for house blooms in about 3 weeks; after blooming, naturalize them in a cool, shady place outdoors.

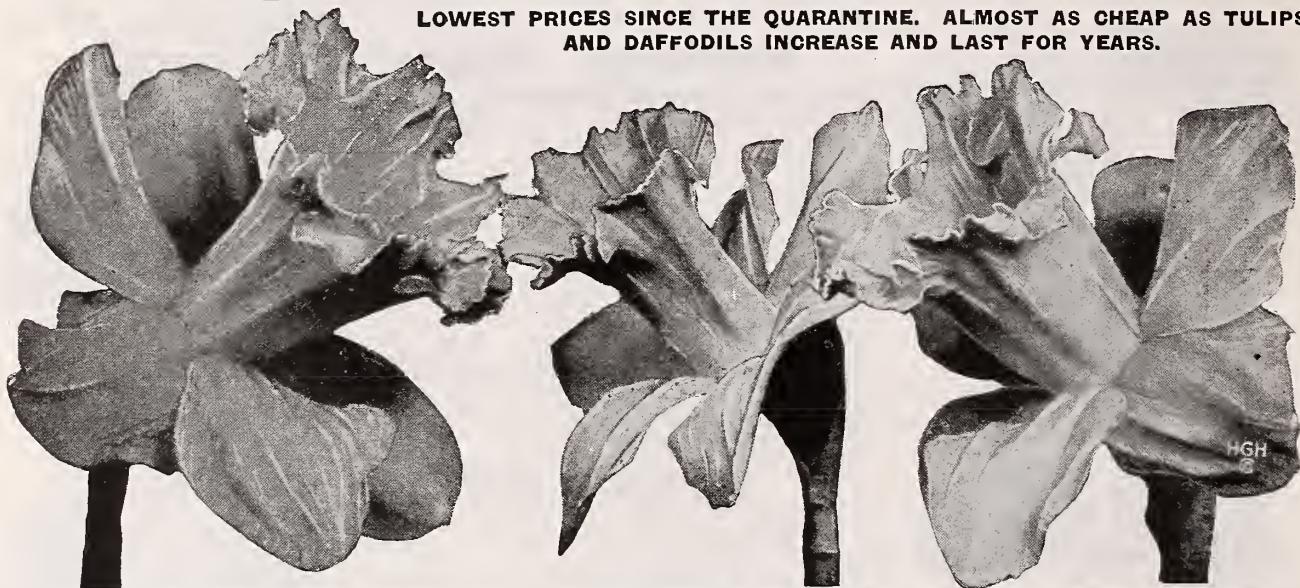
**PRICES**—Top Size Crowns or Pips—6 for 50c. 12 for 95c. 25 for \$1.75. 100 for \$6.00. 1,000 for \$50.00. (Finest Florists' Quality, Properly Cured, Ready to Bloom.)



(2695) Hastings' Lily-of-the-Valley

# Hastings' Giant Trumpet Daffodils

LOWEST PRICES SINCE THE QUARANTINE. ALMOST AS CHEAP AS TULIPS AND DAFFODILS INCREASE AND LAST FOR YEARS.



Hastings' Giant Olympia (Left), Empress and Van Waveren Giant (Right) Daffodils, Grown on the Hastings' Plantation.

## HASTINGS' GROWN DAFFODILS

On the Hastings' Plantation near Atlanta these beautiful Daffodils are grown for you. After inspecting practically all Daffodil bulb crops of consequence in America we say you can get no better bulbs. Bulb growers from Holland and England have also verified this, one of the largest growers in the world saying, "Those are the finest I've seen in America, as fine as any grown anywhere."

We just wish you could see these Giants growing on the Hastings' Plantation. We are growing hundreds of thousands and working with about 200 different varieties. They do fine in pots and boxes in the house during the winter and outdoors for the early spring beds, borders and lawn or naturalized plots. They make beautiful cut flowers. They bloom and increase every year.

**Culture** Cover the bulb one and a half times its own depth, planting bulbs 5 to 6 inches apart, depending on the size. For greenhouse, hot bed or house culture treat as Hyacinths, except 3 or more bulbs are planted in each pot.

## DAFFODIL COLLECTION

**2533 KING ALFRED**—Extra Giant Trumpet. The King of Daffodils. Its size, vigorous growth and deep richness of color make it the **Finest Giant Golden Yellow Daffodil**. Flowers fully 4 inches across and trumpet 2 inches. Early; height 20 in. 20c each. 3 for 55c. 12 for \$2.00. 100 for \$15.00. 1,000 for \$125.00.

**2510 EMPEROR**—Giant Trumpet. Most popular Daffodil. Pure yellow primrose of large size with wide, overlapping perianth. Mid-season flowering and 18 inches in height. Excellent for naturalizing. 3 for 40c. 12 for \$1.25. 100 for \$9.00.

**2520 EMPRESS**—Bicolor Giant Trumpet. Robust grower with large flowers. Trumpet is rich chrome-yellow and perianth is full and white. See illustration. Midseason flowering; 18 inches. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.

**2530 GOLDEN SPUR**—Giant Trumpet. Perianth and trumpet deep rich yellow. Strong grower and unsurpassed for garden, pots or forcing. First early; free flowering; perfumed; 18 in. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.

**2580 SIR WATKINS**—Extra Giant Incomparabills. Called the Giant Welsh Chalice Flower. The king of all half-trumpet Narcissi. Sulphur-yellow perianth with deep yellow cup, extra large flower 5 inches across. Midseason; 18 inches. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.

**2548 NELLY**—White Wide Trumpet. Very pale primrose, turning pure white, both trumpet and perianth. Early, strong grower, odd and beautiful medium size flowers; 15 inches. A very beautiful white Daffodil, demanding your attention. 3 for 25c. 12 for 90c. 100 for \$6.50. 1,000 for \$60.00.

**2545 MRS. THOMPSON**—White Long Trumpet. Opens pale primrose, turning pure white, both trumpet and perianth. Second early, distinctive medium sized flower on fine 15 inch stems. Grow some White Daffodils. 3 for 25c. 12 for 90c. 100 for \$6.50. 1,000 for \$60.00.

**2565 WHITE LADY**—Leedsii. Finest of its type. Broad, round, overlapping white perianth, pale canary cup, Eucharis shaped. Strongest, largest and richest flowering. 18 inches. 3 for 25c. 12 for 90c. 100 for \$6.50. 1,000 for \$60.00.

**2505 ASPASIA**—Poetaz. Exceptional, very large, very long stemmed; 3 to 5 striking pure white flowers with yellow cups to each stem. Midseason; 24 inches. Grand. 3 for 25c. 12 for 90c. 100 for \$6.50. 1,000 for \$60.00.

**2535 LAURENS KOSTER**—Poetaz. This variety is especially recommended. Holland is crazy about it. Pure white perianth with yellow cups, edged bright orange. Delightfully perfumed; tall, strong stems. 3 flowers or more per stem; midseason; 24 inches. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.

**2570 POETICUS ORNATUS**—The Poet's Narcissus. Very hardy; used in large numbers for outdoor naturalizing, and indoors in pots. Pure white flowers, saffron-yellow cup margined scarlet. Free flowering and popular all over the world. Late, 15 inches. 3 for 25c. 12 for 80c. 100 for \$5.50. 1,000 for \$50.00.

**2590 ORANGE PHOENIX**—Finest Double, "Bacon and Eggs." Best and most beautiful of all doubles. Double bi-color flowers with rich orange nectary. Splendid for pots, cutting and outdoors; exceptional. Midseason; 17 inches. Does not turn green. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.



(2533) King Alfred  
Finest Giant Golden Yellow Daffodil Ever Grown

**\$1 Daffodil Collection** One bulb each of the 12 popular varieties above, not labeled, for only \$1.00. Complete assortment of all the best types; biggest and best bargain offered in America. 3 bulbs each, these 12 varieties, labeled for \$2.85. 10 each for \$9.25.

## BIG 6 DAFFODIL COLLECTION

**2592 THALIA HASTINGS**—Triandus Hybrid. The White Orchid Narcissus. There's nothing else like it. The most beautiful and exquisite in creation. Hastings' American introduction. We have grown every bulb for sale in America on Hastings' Plantation. Pure paper white, large, incomparable, chalice flowered, looks like a Butterfly Orchid—and produces 3 to 5 blooms per stem. \$1.50 each. 3 for \$4.50. 6 for \$8.00. 12 for \$15.00. 100 for \$123.00. 1,000 for \$1,200.00.

**2533 KING ALFRED**—Extra Giant Trumpet. The King of Daffodils, pictured and described as the best Daffodil for all purposes, on opposite page. 20c each. 3 for 55c. 12 for \$2.00. 100 for \$15.00. 1,000 for \$125.00.

**2588 OLYMPIA**—Extra Giant Trumpet. See picture on opposite page. Trumpet mouth is beautifully fluted; size is extra large. Perianth light chrome-yellow; trumpet deep chrome-yellow. Early; height 15 inches. Great value is in earliness and size. 20c each. 3 for 55c. 12 for \$2.50. 100 for \$15.00.

**2594 VAN WAVEREN GIANT**—Bicolor Extra Giant Trumpet. Called the biggest Daffodil in the world. See picture. Perianth soft primrose-yellow with a bright yellow trumpet. Similar to Olympia but slightly larger and later. Height 15 inches. 25c each. 3 for 70c. 12 for \$2.50. 100 for \$20.00.

**2591 ROBERT SYDENHAM**—Extra Giant Trumpet. Almost a bicolor; as large as and similar to Van Waveren Giant with primrose perianth and rich yellow trumpet. In exceedingly good taste; late midseason; 16 inches. Excellent. 30c each. 3 for 85c. 12 for \$3.00. 100 for \$22.00.

**2593 TRESSERVE**—Extra Giant Trumpet. Exceptionally large, long stemmed, vigorous growing, absolutely beautiful and in perfect taste. 5 inch flowers, broad, serrated trumpet mouth. Canary yellow trumpet, primrose perianth; 18 inches. 50c each. 3 for \$1.40. 12 for \$5.00. 100 for \$35.00.

**2595 WILL SCARLET**—Giant Incomparabilis. Something different. Fiery orange-red and heavily crimped cup mouth, deepest sulphur at base. Perianth is ivory white; flowers over 3 inches wide and beautiful chalice flowered; 12 inches. Latest Daffodil to bloom. 20c each. 3 for 55c. 12 for \$2.00. 100 for \$15.00.



(2592) Thalia Hastings—New Orchid Daffodil.  
There's Nothing Else Like It. Plant a Few.

### Big 6 Daffodils—\$1.35

One bulb each of the above 6 mammoth varieties (not including Thalia Hastings) for just \$1.35. Individually wrapped and named, 5 of the world's largest and the novelty, Will Scarlet. 3 Bulbs of each for \$3.85. 10 each for \$11.50.

## PAPER WHITE NARCISSUS

**2600** See picture to left, growing fine in water. The famous Polyanthus or Paper White Grandiflora Narcissus. The easiest grown and most popular of all bulbs. Good for open ground planting in the lower South, winter pot culture in the house and delightfully grown in water as shown in the picture. Our bulbs are of fine blooming size and bloom uniformly if not planted too early. For forcing or indoor culture, best flowering is had from November and December planted bulbs. Plant bowls every couple weeks for blooms from Christmas to Easter in the house. Daffodils are fine but nothing can take the place of our large, many flowered Paper White Narcissus—the most popular of all bulbs.

We of the central and lower South have a great opportunity with these exquisite, fragrant, many flowered, pure white flowers outdoors. Bulbs—3 for 30c. 6 for 50c. 90c per dozen. 25 for \$1.75. 100 for \$6.50. 1,000 for \$55.00.

**2602 GRAND SOLIEL D'OR** The yellow flowered polyanthus or many flowered Narcissus is grown like our famous "Paper Whites" in the South and is especially adapted to growing in pots and boxes in the house for early winter blooms. It is the popular large bunch flowering variety with clear, bright yellow perianth and bright orange cups or eyes. Excellent variety and delightfully fragrant. 25c each. 3 for 65c. 6 for \$1.10. 12 for \$2.00. 50 for \$7.50. 100 for \$14.00. 1,000 for \$135.00.

**2604 CHINESE SACRED LILY** This Flower of the Gods, "Shui Sin Far," Water Fairy or Joss Flower as it is called by celestials, is a variety of Narcissus that blooms profusely chaste flowers of silvery white with cups or short trumpets of golden yellow.

These large size mother bulbs are of great vitality and luxuriant growth, producing spikes of flowers within six to eight weeks after planting. They do well in pots of earth and are beautiful when grown in shallow bowls of water with enough pebbles to keep them from falling over when in bloom. A dozen bulbs, started at intervals, will give a succession of blooming plants throughout the winter. 20c each. 3 for 45c. 6 for 85c. 12 for \$1.50. 100 for \$10.00. 1,000 for \$90.00.

## HARDY EASTER LILIES

**3030 LILIAM CANDIDUM—MADONNA OR ANNUNCIATION LILY**—This favorite Easter Lily is hardy outdoors, bears large glistening white flowers on long, strong, stiff stems, three to four feet high. This famous and very beautiful white Lily is known the world over and is grown in large numbers at many homes through the South. Be sure to have some of these beautiful outdoor Easter Lilies blooming in your yard next spring. Largest bulbs, from Northern France, and certain to give entire satisfaction. Plant early this fall, before Nov. 10th, and have a delightful display of these exquisite Madonna Lilies next Easter time. Mammoth Bulbs—35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$25.00.

**3029 LILIAM HARRISII—"BERMUDA EASTER LILY"**—Bulbs are grown in Bermuda, reach Atlanta in August. Plant before November 10th, outdoors in lower South or in pots indoors for the large, trumpet-shaped, pure white, delightfully fragrant spring blooms. This is the true Bermuda Easter Lily, low growing, in greatest demand and most suitable for pot culture; the florists' delight. Mammoth Bulbs—35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$25.00.



(2600) Hastings' Paper White Narcissus



Tulip Borders, Including Clumps of Darwin, Breeder and the Pointed Tipped Cottage Varieties Make Gorgeous Displays

## HASTINGS' TULIPS

Hastings' Tulip Bulbs are the finest that come from Holland. From our trial grounds study and from observations of large plantings we have selected varieties for their exquisite beauty and general satisfaction. Anyone can do well with them.

Tulips even more than ever are the most popular fall-planted bulbs. Their gorgeous lawn displays in borders and beds cannot be equalled by any other flower. The rich, bright colors and lovely shades of bloom on strong, gigantic stems, many over 2 feet long, capture us all.

Some folks get confused about Darwin, Cottage, Breeder and Rembrandt Tulips. One can easily forget these type names. They all bloom about the same time, and do well planted together. Darwins are mostly self colors except no yellows. Breeders are mostly bronzy shades. Cottage come in yellows and many other colors, usually with pointed petal tips. Rembrandts are more or less striped in two or more colors. Select the colors you want and consider the approximate height for varieties planted in the same bed. The type matters little and many are hybrids anyway.

**Culture** Plant bulbs 5 inches deep and 5 or 6 inches apart each way outdoors. A half inch of sand beneath the bulbs gives good drainage for wet weather. For house culture or "forcing," plant as soon as you receive the bulbs from us. Keep cool (55 to 60 degrees is best), because the slower growth makes larger flowers and longer stems.

**Finest Tulips.** Plant Tulips by the hundreds this fall. Take advantage of our Collection Offers but also get a plenty of the individual varieties.

## SINGLE-EARLY FLOWERING TULIPS

Early Flowering Tulips, single and double, are 2 to 3 weeks earlier than other types, but not as tall. They are fine for low beds, pots, boxes and low borders; indoors or outdoors.

**2728 CHRYSOLORA**—Pure Yellow, 12 inches. Medium early. Large flower, fine bedder. 3 for 30c. 12 for \$1.00. \$6.50 per 100.

**2729 CRAMOISE BRILLIANT**—Brilliant Scarlet, 12 inches. Early. Long perfect flowers. 6 for 30c. 12 for 55c. \$3.50 per 100.

**2731 DIANA**—Pure White, 11 inches. Early. Immense flower on a strong stem. 6 for 30c. 12 for 55c. \$3.50 per 100.

**2743 ROSE GRIS DE LIN**—Delicate Rose, 11 inches. Early. Flushed, most popular pink. 6 for 30c. 12 for 55c. \$3.50 per 100.

## DOUBLE-EARLY FLOWERING TULIPS

**2754 COURONNE D'OR**—Orange Yellow, 13 inches. Early. Stiff stems, large flower. 3 for 30c. 12 for 95c. \$6.50 per 100.

**2758 LUCRETIA**—Deep Pink, 14 inches. Medium. Artistic and beautiful flower. Forces. 3 for 25c. 12 for 75c. \$5.00 per 100.

**2767 RUBRA MAXIMA**—Crimson, 11 inches. Medium. Deep, brilliant vermilion crimson. 3 for 25c. 12 for 85c. \$5.75 per 100.

**2769 SCHOONOORD**—New White, 12 inches. Medium. Large full flower. Wonderful forcer. 3 for 25c. 12 for 85c. \$5.75 per 100.

## TULIP SPECIES—FANCY NOVELTIES

**2721 CLUSIANA**—Species. White, Pink Borders, 12 in. Exquisite, perfect cottage form, small white with margin bands of rich pink. Distinctive. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$7.00.

**2723 MONSIEUR MOTTET**—Bunch-Flowered. White, 12 in. Fancy novelty; 3 or more blooms on each stem and very pretty. Fine for cutting and attracts wide attention. 3 for 35c. 6 for 65c. 12 for \$1.25. 100 for \$8.50.

**2793 SIRENE**—Lily Flowered. Pink, 20 in. Very pretty and delicate rich pink with narrow long pointed petals. Most popular lily type, in large demand. 3 for 25c. 6 for 45c. 12 for 85c. 100 for \$5.75.

**2725 SUNDEW**—Newest Novelty, Fringed Tulip. Red, 26 in. Hastings' 1925 Introduction. Be among the first in America to have a fringed Tulip. Picture gives an idea how it looks. It's a fringed red Bartigon, Giant Darwin Tulip. 25c each. 3 for 70c. 6 for \$1.25. 12 for \$2.25. 100 for \$15.00.

## THE FANTASTIC PARROT TULIPS

**2715 ADMIRAL OF CONSTANTINOPLE**—Fiery Red. Flashed with gold stripes, green and maroon. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.75.

**2716 FANTASY**—Latest Novelty, Pink. Deeply lacinated, largest, most striking large extended flowers, green ribs. Beautifully fantastic. Finest Parrot Tulip. \$1.35 each. 3 for \$3.75. 6 for \$6.90. 12 for \$12.00. 25 for \$22.50.

**2717 MARKGRAAF**—Variegated Yellow. Very lacinated, largest, most striking colors of red, yellow, green. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.75.

**2718 PERFECTO**—Variegated. Largest golden yellow, red and green feathers; deeply lacinated. Showy. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.75.

## BIZARRE REMBRANDT TULIPS

**2701 APOLLO**—Rosy Lilac and white with deep carmine markings. 20 inches. 3 for 30c. 6 for 50c. 12 for 95c. 100 for \$6.50.

**2705 RED PRINCE**—Rose with fiery red flames shooting through petals. 20 in. 3 for 30c. 6 for 50c. 12 for 95c. 100 for \$6.50.

**2710 SALOME**—Carmine rose with striking white markings. Refined taste. 20 in. 3 for 30c. 6 for 50c. 12 for 95c. 100 for \$6.50.

**2713 THE BARON**—Red with big white stripes and dark carmine. 20 in. 3 for 30c. 6 for 50c. 12 for 95c. 100 for \$6.50.

**2714 THE PROFESSOR**—White, striped currant-red with striped carmine tips. 22 in. 3 for 30c. 6 for 50c. 12 for 95c. 100 for \$6.50.

**REMBRANDT TULIP COLLECTION**—One each of above 5 varieties—only 40c.



(2725) Sundew, Newest Tulip Novelty



# NEW EXHIBITION TULIPS

**GIANT DARWIN TULIPS** Varieties below are outstanding beauties. Remember, these are the finest bulbs of the finest Tulips in all the world. Plant a plenty because the gorgeous displays of Tulips and especially Darwins always show up to greatest advantage when planted in quantity. Displays are generally made with at least 25 or 50 of each variety planted together. You may use the 100 price rate for 25 or more of a kind.

**2826 APHRODITE**—Rose Pink, 30 inches. Beautiful rich, waxy, rose pink; darker and far richer than Clara Butt. Finest slender stems; excellent substance. Finest of its color. 20c each. 3 for 55c. 6 for \$1.00. \$1.85 doz. \$12.50 per 100.

**2829 BLUE AIMABLE**—Blue Lavender, 26 in. Exquisite soft bluish lilac, shaded steel blue, with white center starred blue. Very large flower of distinct shape. Beautiful rare coloring. Medium late. 3 for 30c. 6 for 50c. 90c doz. \$6.00 per 100.

**2833 ECLIPSE**—Deep Red, 26 in. Extra large, rich, velvety, deep red. Excellent growth and substance. Outstanding display for garden or cutting. Grow it for the flower show. Beats Pride of Haarlem. 20c each. 3 for 55c. 6 for \$1.00. \$1.85 doz. \$12.50 per 100.

**2842 FEU BRILLIANT**—Fiery Red, 30 in. Large, deep, rich, brilliant orange-red. Heavy growth, excellent substance; gorgeous, brilliant display for beds or cutting. 3 for 30c. 6 for 50c. 90c doz. \$6.00 per 100.

**2846 JUBILEE**—Purple, 30 in. Richest royal purple self color; wide blooms, excellent growth. Very high rating, exceptional color. Exceptional variety. 3 for 40c. 6 for 75c. \$1.35 doz. \$9.00 per 100.

**2848 LA TULIPE NOIR**—Dark Purple, 26 in. The darkest Tulip, almost black appearance; also best dark Darwin. 3 for 25c. 6 for 45c. 85c doz. \$5.75 per 100.

**2851 LOUISE DE LA VALLIERE**—Clear Rose, 27 in. Large self rose; richest and deepest rose of clear, beautiful color. Excellent. New. 20c. 3 for 50c. 6 for 95c. \$1.70 doz.

**2875 SIR TREVOR LAWRENCE**—Royal Purple, 26 in. Beautiful violet purple, lighter at edges and tips. Square shape; excellent Darwin. 3 for 35c. 6 for 65c. \$1.15 doz. \$7.50 per 100.

**2886 VALENTINE**—Light Violet, 28 in. With purple cast and electric blue-white base. Large, bold flower. Beauty. 3 for 25c. 6 for 45c. 85c doz. \$5.75 per 100.

**2888 VERSAILLES**—Dark Violet, 24 in. Large to extra large dark violet, rounded tips. Excellent growth and substance. Superb new Darwin of the new popular violet color. 3 for 30c. 6 for 55c. \$1.00 doz. \$7.00 per 100.

## COTTAGE OR MAYFLOWERING TULIPS

Giants in size and mature at the same time as Darwins and Breeders. Indispensable because only type containing yellow varieties. Usually distinguished from others by their exquisitely formed, graceful blooms with fine, pointed petals tips, many reflexed when fully open. Our choice of the most beautiful of all Tulips are Dido and Walter T. Ware Cottage Tulips.

**2775 AVIS KENNICOTT**—Light Golden Yellow, 20 in. Self color with rich sheen inside. Long graceful flowers; very rich color. 3 for 45c. 6 for 80c. \$1.40 doz. \$9.50 per 100.

**2776 BOUTON D'OR**—Golden Yellow, 20 in. Fine, cup-shaped, medium sized flowers of good substance; fine for cutting. 3 for 20c. 6 for 35c. 60c doz. \$4.00 per 100.

**2780 DIDO**—Rose, 26 in. Considered finest Tulip ever created. Simply exquisite apricot-rose color blend. Large, long flower, rich and beautiful. 35c each. 3 for 85c. \$2.75 doz. \$18.50 per 100.

**2781 ELLEN WILLMOT**—Canary Yellow, 21 in. Medium large, rich waxy yellow. Fine growth, slender stems, pointed petals; perfume. 3 for 20c. 6 for 35c. 65c doz. \$4.50 per 100.

**2787 MOONLIGHT**—Light Yellow, 22 in. Distinct, elongated, large flower of a dreamy, pale sulphur yellow. In large demand. 3 for 20c. 6 for 35c. 65c doz. \$4.50 per 100.

**2790 MRS. MOON**—Sulphur Yellow, 24 in. Deep, rich, golden sulphur; reflexed pointed petals; highly recommended. Beautiful. 3 for 30c. 6 for 50c. 90c doz. \$6.00 per 100.

**2786 ORANGE KING**—Blood Orange, 18 in. Extra large, flame color edged gold. Rich, very brilliant display. Darwin shaped Cottage. 3 for 20c. 6 for 35c. 60c doz. \$4.00 per 100.

**2797 WALTER T. WARE**—Cadmium Yellow, 28 in. The richest color seen in flowers. Pure self color. With Dido, finest Tulips grown. 20c. 3 for 45c. 6 for 80c. \$1.40 doz. \$9.50 per 100.



(2801) Adelina Patti—Violet Breeder Tulip

## THE ARISTOCRATIC BREEDER TULIPS

Real Giant Tulips, similar to Darwins except come in more blended colors, especially the rich bronzy shades that add distinction to the garden. Planted with Darwin and Cottage Tulips in border clumps, they give variety, soften the harsh colors and blend the whole. These aristocrats of the Tulip family, with their immense blooms on strong, stiff stems, frequently exceeding 40 inches, have become the most sought after of all the Tulips. They may also be flowered in deep pots in early March by gentle forcing with moderate temperature in the full light.

**2801 ADELINA PATTI**—Violet, 24 in. Very rich purple or wine cast, exquisite deep color. Pointed petals; excellent growth and substance. 3 for 40c. 6 for 75c. \$1.35 doz. \$9.00 per 100.

**2806 COLONEL ASTER**—Light Purple, 28 in. Large, stately, globular flower with blue cast inside. Slightly flushed; very high rating. 3 for 30c. 6 for 50c. 12 for 95c. 100 for \$6.50.

**2807 DOM PEDRO**—Coffee Brown, 24 in. Edge of golden brown; inside rich mahogany, olive base. Large fragrant flower; magnificent. Forces. 3 for 40c. 6 for 75c. \$1.35 doz. \$9.00 per 100.

**2817 PRINCE OF ORANGE**—Apricot, 24 in. Called Sunset. Large, showy terra cotta, edged orange yellow, suffused gold inside. Very fine. 3 for 35c. 6 for 65c. \$1.15 doz. \$7.50 per 100.

**2818 PRINCE OF WALES**—Bronze, 26 in. Rich bronzy maroon, golden tinge at tips inside. Large flower, heavy growth. 20c. 3 for 45c. 6 for 80c. \$1.50 doz. \$10.00 per 100.

**2821 SABRINA**—Brown Mahogany, 23 in. Large, rich brown mahogany or brown maroon; excellent growth and substance. 3 for 25c. 6 for 45c. 80c doz. \$5.50 per 100.

**2822 ST. JAMES**—Wine, 22 in. Dark lilac edged bronze brown to golden brown. Large, globular flower. 1927 show winner. 3 for 25c. 6 for 45c. 80c doz. \$5.50 per 100.



Well Designed and Pleasing Display of Darwin, Breeder and Cottage Tulips in Border Clumps—Plant Quantities of Tulips.

# GIANT DARWIN TULIPS

Darwins are the perfect cup shaped Tulips with strong petals, tall stems and bright colors through shades of pink to red and purple. There are no yellow Darwins, so refer to Cottage Tulips on next page, usually distinguished by their pointed petals, to give you full range of colors. Approximate length of stems are given for consideration in selecting varieties for beds and borders.

**2828 BARTIGON**—Brilliant Red, 26 in. Very showy, fine shapely flower on strong stem with white base ringed blue. The parent of our new introduction, the Fringed Tulip, Sundew on Page 34. 6 for 40c. 70c doz. \$5.00 per 100. \$42.50 per 1,000.

**2831 CENTENAIRE**—Deep Rose, 28 in. An exquisite rose-pink with large blue center and flushed claret. One of the finest, large, perfect flowers on perfect stems. Excellent for forcing, beds, cut flowers. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2832 CLARA BUTT**—Apple Blossom Pink, 22 in. Clear pink, flushed salmon rose, with blue center and white halo. Medium sized flower of good form and probably planted more than any other variety for outdoor use and forcing indoors. Medium late. 6 for 35c. 65c doz. \$4.50 per 100. \$37.50 per 1,000.

**2838 EUROPE**—Dazzling Scarlet, 24 in. Richest fiery vermilion-scarlet, shaded rose; clear white center or base. Medium sized flower, a good forcer and splendid with its fiery color for beds. Medium early. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2852 MADAME KRELAGE**—Bright Rose Pink, 28 in. Bright lilac-rose with pale silvery borders. Large flower and very popular Tulip for both forcing and bedding. Highly recommended. Medium early. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2865 PRIDE OF HAARLEM**—Rose Carmine, 28 in. Rich color of deep old rose, appearing velvety red; with blue base. Enormous flower of stately habit, very popular for forcing and superb for outdoor planting. Extremely popular. Early. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2866 PRINCESS ELIZABETH**—Rose, 28 in. Exceptional and beautiful, large, rounded cup-shaped flower. Very uniform; in great demand by florists and one of the finest for all purposes. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

**2872 REV. EWBANK**—Heliotrope, 25 inches. Exquisite shade of soft heliotrope or silvery lavender-violet with silvery gray edges. Very popular medium-sized flower of rare coloring on fine stems. Medium early. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

**2877 THE SULTAN**—Maroon, 24 in. Fine dark color, almost black. Very glossy flowers on straight slender stems. Needed for a wide range of colors and its distinguished appearance. Excellent growth, color and substance. 6 for 35c. 65c doz. \$4.50 per 100. \$37.50 per 1,000.

**2892 WHITE QUEEN**—White, 24 in. Also called La Candeur. On opening tinged pale rose, almost pure white when in full bloom. Very pretty coloring. Medium sized flower on strong stem; medium early. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.



Pride of Haarlem-Clara Butt

**50c Darwin Tulip Collection** As illustrated from photographs on the rear cover page. One bulb each of the above ten splendid varieties of Giant Darwin Tulips, giving you a beautiful range of color in these, the most colorful and most stately flowers of spring blooming. A real bargain you won't find elsewhere. 10 Bulbs, 10 Varieties, unlabeled, only 50c. 6 Bulbs each of these "Big 10" Giant Darwins (60 bulbs), separately labeled, for \$2.85. 25 Bulbs each of these 10 varieties (250 bulbs), only \$10.00. 100 Bulbs each of these 10 gorgeous Darwin Tulips (1,000 bulbs), for \$37.50.



**2834 EDMEE**—Pink, 22 in. Medium sized flower in perfect taste. Excellent substance, growth and color; a deep rose-pink, flesh pink edges, rich pink inside. Refined and more beautiful than even Princess Elizabeth. Very graceful and pretty. Exquisite form. 3 for 25c. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2841 FARNCOMBE SANDERS**—Bright Scarlet, 30 in. Brilliant rosy red or scarlet with a clear white center. Very large flower of perfect shape that has become famous as a bedding variety and it is also fine for forcing. It is in very great demand. Medium early. 3 for 25c. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2844 GLOW**—Glowing Crimson, 24 in. Dazzling vermilion; white and blue center. Good-sized flower, good forcer, excellent cut-flower, and unrivaled for massing in borders or shrubs. Medium late. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

**2849 KING HAROLD**—Dark Red, 24 in. Extra large, very rich deep red with violet shadowing outside. Heavy growth; square flowers. Called a rich Pride of Haarlem, certainly an immense rich colored Tulip for a gorgeous display in beds, borders or for cutting. Hard to beat. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

**2850 LOVELINESS**—Pink, 24 in. Soft carmine-rose, edged blush pink, very warm and brilliant color and a very lovely Tulip of medium size. It is a splendid forcer and sure to be pleasing as well as pretty outdoors and in pots. 3 for 25c. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2853 MASSACHUSETTS**—Vivid Pink, 26 in. Fine lavender-pink, much deeper shade towards middles of petals and lighter towards tips and light pink edges. Large flower of splendid cup-form and a delightful color. Excellent growth and substance, very dependable for all purposes. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

**2854 MELLICETTE**—Deep Lavender, 24 in. Beautiful rich lavender, very pretty form, graceful and in perfect taste. Fine foliage, medium early, good size flower, wide rounded petals. One of the finest Tulips yet and of exquisite color, now coming so popular. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

**2862 PAINTED LADY**—Creamy White, 26 in. Faintly flushed with soft heliotrope but almost pure white. Fair-sized flower with purplish stems. A very good forcing and outdoor variety. Really beautiful and needed in every assorted planting. Medium late. 3 for 25c. 6 for 40c. 70c doz. \$4.75 per 100. \$40.00 per 1,000.

**2863 PETRUS HONDIUS**—Deep Rose, 23 inches. Very rich, attractive, large flower; excellent growth and substance. One of the really outstanding finer Darwins and truly a wonderful color. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

**2867 PROF. RAUWHOFF**—Bright Red, 25 in. Enormous size, richest deep rose inside. Petal edges slightly waved. Exceptional, richest color, and one of the finest varieties in our whole list. You will surely be proud of this in your garden or in the flower shows. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

## \$1.00 SPECIAL DARWIN TULIP COLLECTION

The greatest value in Tulips of which we know. Just think of all these beautiful named varieties described on this whole page. 20 of the most beautiful Darwins in cultivation. 20 Bulbs, 20 Varieties, Only \$1.00. 6 Bulbs each of the superb 20 Giant Darwins (120 bulbs) for \$5.75. 25 Bulbs Each of these 20 gorgeous Giant Darwin Tulips (500 bulbs), for only \$20.00. 100 Bulbs Each of these 20 kinds (2,000 bulbs), for \$75.00. Just try to imagine as gorgeous a display as this in any planting, regardless of price or kind of flower.

## TULIPS—THE CHEAPEST FLOWER DISPLAYS

**NOTICE**—Order early while stocks are full on all varieties. Crops were very short in Holland.

# GIANT BREEDER TULIP COLLECTION

The aristocratic Breeder Tulips in their beautiful blends of richest colorings have rapidly come into great popularity. This class as a whole is even larger than the Giant Darwins. They add distinction to the Darwins and Cottage Tulips, are borne on long stems and bloom at the same time, so are planted with them, especially in borders and clumps, where all Tulips are shown at their best.

**2803 BRONZE QUEEN**—Buff-Bronze, 28 inches. Soft buff, inside tinged golden bronze, yellow base. General appearance is purplish fawn, a large, strong flower of fine form on stout stem. Fine outdoors and a superb forcer indoors. See picture. 3 for 20c. 6 for 35c. 60c doz. \$4.00 per 100. \$35.00 per 1,000.

**2805 CARDINAL MANNING**—Wine Red, 30 inches. A beautiful shade of rosy violet, flushed rosy bronze. Large egg-shaped flower on a tall stem and highly recommended. This is one of the most popular varieties and well deserves its demand. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$45.00 per 1,000.

**2812 KLOPSTOCK**—Silvery Deep Lavender, 26 inches. With dark heliotrope stripe; margined purplish lilac, large yellowish base and intense blue halo. Large long shaped flower of a very beautiful color. A very handsome Tulip outdoors and also forces well. 3 for 30c. 6 for 55c. \$1.00 doz. \$7.00 per 100. \$65.00 per 1,000.

**2814 LOUIS XIV**—Dark Purple, 32 inches. Flushed bronze with broad margin of golden brown. Very large globular flower with green-black base, starred yellow. A flower of stately bearing and regarded by some as the most wonderful Tulip in existence. Forces well. 3 for 35c. 6 for 65c. \$1.15 doz. \$7.50 per 100. \$67.50 per 1,000.

**2816 MEDEA**—Crushed Strawberry, 24 inches. An enormous flower, one of the largest in cultivation; salmon carmine in color, shaded with heliotrope and with a yellow center. This purple-magenta coloring and huge square flower give a majestic appearance. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$45.00 per 1,000.

**2823 YELLOW PERFECTION**—Old Gold, 27 inches. Fine cupped flower of very rich old gold colorings. Excellent for beds, borders and cut flowers. One of the most pleasing and outstanding of all Tulips. Straight, strong stems, heavy growth, early bloomer. 3 for 25c. 6 for 45c. 80c doz. \$5.50 per 100. \$47.50 per 1,000.

**45c Breeder Tulip Collection** Breeders are the Aristocrats of the Tulip family. No garden collection is complete without Breeders and they are usually larger than Darwins in flower. You surely want them. We make this, a collection offer. One Bulb each of the above 6 exceptional Breeder Tulips for only 45c. 6 Bulbs Each of these 6 varieties for \$2.25. 25 Bulbs Each of these 6 outstanding Breeder Tulips (150 bulbs), only \$7.75. 100 Bulbs Each of these 6 varieties (600 bulbs), for \$27.50.



(2803) Bronze Queen—Aristocratic Breeder

## Hastings' Nursery Annual for 1929-1930—Ready October 1st

Many of our fall bulbs are listed in this, our regular fall seed catalog. They are the finest bulbs of the finest varieties in all the world. All these and also Lilies, Peonies and other bulbs are listed in our Nursery Catalog. Flowering and ornamental shrubs, Roses, Azaleas, broad-leaf and coniferous evergreens, fruit trees, Pecans, berries, shade trees for the lawn and other hardy plants are described and pictured in our new Nursery book for this fall and winter planting season. Surely you are deeply interested in making your home beautiful the year round. Ask for our Nursery Annual on your seed or bulb order. It may give you some interesting suggestions.

## COTTAGE TULIP COLLECTION

Cottage and Cottage-Hybrid Tulips, like the Darwins and Breeders, are so-called "Mayflowering" although they generally bloom in April in the South. The Hybrids are results from crossing the Cottage with Darwins for size and a wider range of colors. There are no yellow Darwin Tulips so we look to the Cottage class for yellows, primrose, gold and splendid white sorts and the Hybrids for blends and intermediate colors. These beautiful Tulips are extensively used for bedding and in borders with the Darwins and Breeders. In this Collection we have tried to include the finest varieties and also most popular. Page 35 lists the other most outstanding varieties, regardless of price.

**2777 CALEDONIA**—Orange Scarlet, 22 inches. Waxy shading outside and richest flaming scarlet inside, with gold and olive center. Strong, erect, slender stems and looks like a Darwin with rounded petal tips but with Cottage grace. 6 for 35c. 60c doz. \$4.00 per 100. \$35.00 per 1,000.

**2783 INGLEScombe PINK**—Apricot Pink, 23 inches. Opens apricot, shaded rose pink. On fully opening changes to a beautiful deep lavender-pink or rose color. One of the finest Cottage Tulips; long, large flowers and fine stems. 6 for 35c. 60c doz. \$4.00 per 100. \$35.00 per 1,000.

**2782 INGLEScombe YELLOW**—Canary Yellow, 23 inches. Glossy color and large, long globular flower of perfect form on a strong stem. Good forcer and fine outdoors. It is called Yellow Darwin because of shape without pointed petals. Most popular Cottage Tulip. See picture to left. 6 for 35c. 65c doz. \$4.50 per 100. \$37.50 per 1,000.

**2784 JOHN RUSKIN**—Apricot, 20 inches. Large to extra large, richest apricot with striking deep lavender-rose shading towards midribs. This is one of the greatest varieties of all; immense flowers of the richest orange-apricot. 3 for 25c. 6 for 40c. 75c doz. \$5.00 per 100. \$42.50 per 1,000.

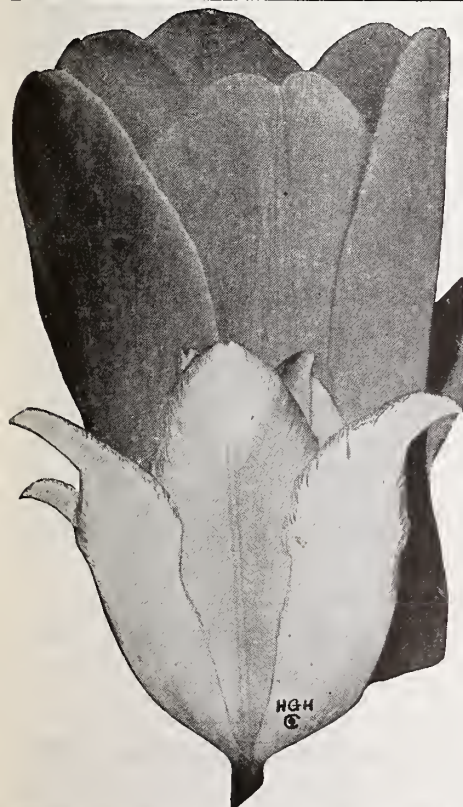
**2785 LA MERVEILLE**—Salmon Red, 26 inches. Extra large; very striking; very long pointed petals of richest display color. Slender, strong stems; excellent for all purposes. Scarlet suffused salmon, giant lily flowering Cottage Tulip. Extra fine. 6 for 35c. 60c doz. \$4.00 per 100. \$35.00 per 1,000.

**2788 PARISIAN YELLOW**—Golden Yellow. A clear golden yellow with the characteristic pointed petal tips of the Cottage Tulip. Has a charming grace and rich, clear yellow that is so sought after in Tulips. Good for forcing or for bedding. 3 for 20c. 6 for 35c. 65c doz. \$4.25 per 100. \$37.50 per 1,000.

**2789 PICOTEE-MAIDENS BLUSH**—White Bordered Rose, 24 inches. See picture to left. White margined deep rose, the color suffusing the whole flower on aging; recurling petals. One of the most popular for the border and cutting; beautiful in beds. 6 for 35c. 65c doz. \$4.25 per 100. \$37.50 per 1,000.

**40c Cottage Tulip Collection** Cottage Tulips are the graceful and charming group of the Tulip family. The above 7 popular varieties are good, standard, strong blooming varieties that are sure to make you happy. We make this exceptional bargain offer—one bulb each of these 7 beautiful Cottage Tulips for 40c. 6 Bulbs Each of these 7 splendid varieties of Cottage Tulips for \$2.00. 25 Bulbs of Each (175 bulbs), for only \$6.85. 100 Bulbs Each for a glorious display (700 bulbs), for just \$25.00.

**Remember!** Every Tulip Bulb from Hastings' is "Top-Size," the largest, selected, finest that each of these varieties produces. They Bloom Best! Take full advantage of these Collection Offers!



Inglescombe Yellow, Picotee, Cottage Tulips

# HYACINTH BULBS

**Culture** Hyacinths do best in a rich, light loam but do well in any good soil. For bedding and other outdoor planting, set bedding bulbs 6 to 8 inches apart each way and 10 inches apart for the selected exhibition varieties. Cover each bulb about one and a half times its own depth.

For pot culture with the exhibition varieties the most beautiful spikes are made with only one bulb to each 5-inch pot or three or four in a larger pan. It is essential for blooming indoors that the growth be started in the dark. A frequent mistake is made by bringing the bulbs into the light too soon, resulting in a failure to bloom or weak spikes.

Potted bulbs may be entrenched or heeled in the garden and covered with six inches of ashes or gravel for moisture and to prevent frost damage. A bed of ashes should be beneath the pots too, to keep out worms. They may also be kept dark and well watered in a cold-frame or cool cellar. Keep them dark for 12 weeks and then keep them in low temperature (about 50 degrees) for 2 weeks until top growth is well developed. Then you may force them as rapidly as you want. You will have strong, compact spikes by keeping close to the glass or window and giving plenty of air. This extra care is worth while.

For growing in bowls of water, start in a cool, dark place for 12 weeks and then force like potted bulbs.

## SELECT EXHIBITION HYACINTHS

These are the finest selected Hyacinths in existence and the largest sized bulbs grown. They produce huge spikes of brilliant, fragrant, exquisite blooms. With them you know you have the best in all the world. Compare our prices with all others.

**2395 CITY OF HAARLEM**—Yellow. Real exhibition variety; considered the finest yellow Hyacinth. Pure soft yellow, large truss, well filled with bells. Medium maturity, a splendid sort for all purposes and a prize winner. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2390 CORREGGIO**—White. Beautiful purest white. A magnificent large flower truss filled with large bells of excellent substance. One of the finest exhibition varieties. Second early. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2400 GARIBALDI**—Red. Glowing deep crimson-red with a large spike. An early variety of great merit and the best red for early forcing in pots or bowls of water and a fine outdoor grower. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2410 GERTRUDE**—Dark Pink. Dark rosy pink; large compact truss of bloom; strong spike and early bloomer. The most popular pot and bedding Hyacinth because of its color and compact bloom; the florist's favorite. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.



Try (2450) Yellow Hammer, (2390) Correggio, (2430) La Grandesse (2410) Gertrude in Pots and Outdoors. They Are Prize Winners.



Exhibition Hyacinths—(2415) Gigantea and (2315) Lady Derby

**2415 GIGANTEA**—Blush Pink. The many small bells form one of the biggest heads and it is one of the finest of all for forcing or pot culture. Try it. It's a beauty. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2420 KING OF THE BLUES**—Dark Blue. Perhaps the largest Hyacinth in existence. Splendid, well finished flower-truss of a most brilliant shade of bright indigo-blue; excellent for late forcing and bedding. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2315 LADY DERBY**—Rose Pink. Very fine large, heavy spike, excellent for pot culture as well as outdoors, with strong stem that holds the truss well and bright pure rose pink. Considered the finest rose-pink Hyacinth. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2430 LA GRANDESSE**—Pure White. Stands as yet unrivalled as the queen of white Hyacinths. The intense whiteness of the large, fleshy bells and size and shape of truss are unequalled. Perfect form; see picture on left. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2360 QUEEN OF THE BLUES**—Light Porcelain-Blue. Unusually bright pure azure blue bells of medium size form a big compact truss on a strong stem. Unrivalled for pot culture. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2440 QUEEN OF THE PINKS**—Pink. New novelty, one of the greatest acquisitions to date. Sport of King of the Blues, just as brilliant in color as its parent; very bright rose pink, clear tone; large spike, large bells. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2445 ROI DES BELGES**—Bright Scarlet Red. Most popular of the deep reds. Upright, well filled large compact truss. Exceptional bedder as well as for indoor culture. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

**2450 YELLOW HAMMER**—Creamy Yellow. The most popular yellow; early; splendid forcer. Medium sized bells forming a very compact, ball-shaped, very beautiful truss. 25c each. 3 for 70c. 12 for \$2.75. 100 for \$20.00.

## Exhibition Hyacinth Collection "A"

To introduce these wonderful bulbs, the finest and largest in America, we offer you one each of these 12 superb varieties above for \$2.50. 3 Bulbs of each for \$7.00.

## Exhibition Hyacinth Collection "B"

One bulb each of the 6 different colors—Pink, Yellow, Rose, Red, White and Blue—Our selection from varieties above, \$1.35.

# BEDDING HYACINTH BULBS

The following named varieties are, with the Exhibition varieties on the preceding page, the finest varieties in existence. The only material difference is in the size of the bulbs and the slight difference in color. Order the largest bulbs on Page 38 if you can afford it, but you will find the following the finest bedding size bulbs that you can buy. They are especially adapted for bedding and outdoor culture but also do well in pots and howls of water. Plant these by the hundred.

**2260 ARENTINE ARENSEN**—White. Pure snow white; spike well filled and perfect round shape. Broad wide open petals. Early, bright and pretty. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2265 BUFF BEAUTY**—Buff Orange. Very large truss of a soft buff or orange yellow. Very satisfactory grower and bloomer and a fine yellow Hyacinth. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2270 GENERAL DE WET**—Light Rose. A sport from Grand Maitre; very fine variety with a very broad spike of beautiful light rose flowers. Just as fine as its famous parent. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2290 GRAND MAITRE**—Lavender Blue. The most popular blue. Bright deep lavender blue, shaded darker blue; bells form a spike of immense size and perfect shape. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2300 KING OF THE YELLOWS**—Yellow. Handsome compact spike of a rich deep yellow. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2310 LA VICTOIRE**—Red. There is no brighter bedder. Bells are close together, forming a long, heavy, splendidly finished spike. See picture of La Victoire at right. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2320 L'INNOCENSE**—White. The leading white for forcing and bedding; early; pure white. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2325 MARCONI**—Deep Rose. Very bright in color, large compact truss, a splendid pot Hyacinth, blooming later than others. Fine form and a very worthy and popular leader. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2330 MENELIK**—Dark Blue. Undoubtedly the best very dark blue Hyacinth; almost black, a glittering bluish black. Spike is large and well formed, demanding attention. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2340 MORENO**—Pink. One of the earliest pinks and most popular in Europe. Very heavy truss, almost too large. Extra fine for forcing as well as growing outdoors. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2350 QUEEN OF THE WHITES**—Pure White. New and meritorious; broad, large truss, fine pure white bells, a gem for late forcing and fine for bedding purposes. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.

**2365 ROBERT STEIGER**—Red. A very choice new introduction for us. We don't know of anyone else in America with this fine brilliant red. Equally desirable for indoor and outdoor planting. 20c each, 3 for 50c. 12 for \$1.90. 100 for \$13.50.



(2310) La Victoire Rose Hyacinth

## Bedding Hyacinth Collection

One each of the above 12 first bedding size Hyacinths—just as fine varieties as the Exhibition Hyacinths, but not quite as large bulbs. These are 15 to 16 centimeter bulbs, while the Exhibitions are top size, 19 centimeters and up in circumference. These are excellent for outdoor use and also good for growing in pots and bowls and vases of water. They are sure to give you fine results.

12 Bulbs—12 Varieties—Individually Wrapped and Named—\$1.75 postpaid.

## HASTINGS' MIXED HYACINTHS

Our own mixture of leading named varieties, grown separately, so we know they are all fine bloomers and the finest Bedding Size Hyacinths for sale in America. Usually, 13 to 15 centimeter size bulbs are offered as Bedding Size Hyacinths. Hastings' are 15 to 16 centimeter size bulbs, each order mixed separately to make certain of a well balanced blend or assortment of colors. 6 Bulbs, each a different variety, 90c. 12 Bulbs, all different, \$1.70. 50 Bulbs, assorted, for \$6.50. 100 Bulbs, assorted, for \$12.00.

# SPANISH-DUTCH IRIS

## THESE BEAUTIFUL BULBOUS IRIS FOLLOW TULIPS IN BLOOM

These exquisite spring flowering American grown Iris bulbs are not to be compared with the old Spanish Iris. They are much larger flowers and bloom 2 weeks earlier. They are superior to the English Iris, a month earlier to bloom and fill a great want and need in our gardens. Flowers are borne on stiff, straight stems about 2 feet high; colors are rich and clear. They make unsurpassed cut flowers, all florists want them, and they are beautiful for show in the garden. Plant in rows or beds, about 3 inches deep and 3 to 6 inches apart in any fair garden soil. Plant early in fall for bloom early in April. They immediately follow the Darwin Tulips in blooming time.

**2903 ALBERT CUYP**—Yellow and White. Blue white standards, white throats, gold eyes, yellow lips. Dutch Iris. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2915 CAJANUS**—Yellow. Exquisite and rare yellow bulbous Iris. In great demand and worthy. Spanish Iris. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2920 DAVID TENIERS**—Light Blue. Lighter towards tips, golden yellow eye, creamy suffusion lower lips. Dutch. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2940 HART NIBBRIG**—Rich Blue. Deep violet-blue standards, light blue throats, gold eyes. Dutch Iris. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2947 IMPERATOR**—Violet and Blue. Filifolia type. Tallest, largest, richest color of all; week later. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2908 BLANCHE FLEUR**—Tinted White. Extremely popular white Spanish Iris, tinged light blue. A beauty. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.



(2908) Stately and Exquisite Spanish Iris

# HARDY GARDEN IRIS

## FLAG LILY OR FLEUR-DE-LIS—BEARDED IRIS GERMANICA

**Culture** Irises thrive best in a well-drained, sunny location though sun half the day will suffice. Fertilizer is only necessary in poor soils, bone meal being recommended. A little lime in acid soils is beneficial. Plant so the top of the rhizome or root is not more than half an inch beneath the surface. Plant any time of year, except while in bloom, that ground can be worked. Irises are our most satisfactory perennials.

Standards are the upper petals; Falls are the drooping petals. Heights given are only approximate. Numbers following variety names are their percentage ratings by the American Iris Society for exhibition perfection. Where two percentages are given, second is for garden perfection, both new ratings.

**3702 ALCAZAR**—86-87. Standards light blue-violet; Falls brilliant purple with bronze veining towards throat. Early and large. 36 inches. 25c each, 3 for 70c. 12 for \$2.50.

**3709 CAPRICE**—75. Standards rosy red; Falls deeper rosy red. Large and handsome variety, winning certificate of merit, N. H. F. 24 inches. 25c. 3 for 65c. 12 for \$2.00.

**3712 CRIMSON KING**—Both Standards and Falls rich deep purple. Extra early, welcomed as first to bloom. 30 inches. 20c. 3 for 45c. 12 for \$1.25.

**3718 DR. BERNICE**—74. Standards coppery bronze; Falls velvety crimson. Also called Magnifica. Large, pretty flowers. 20c. 3 for 45c. 12 for \$1.25.

**3722 FLORENTINA ALBA**—76. Free flowering white Iris with a bluish cast. Very large, long flowers, fragrant, and very early. 20c. 3 for 55c. 12 for \$1.75.

**3730 HER MAJESTY**—73. Standards lovely rose-lilac; Falls same color veined darker. Pink toned Irises are rare. 24 inches. 25c. 3 for 55c. 12 for \$1.75.

**3741 KHEDIVE**—Standards light sky blue; Falls light violet blue. Old standard favorite. 20c. 3 for 45c. 12 for \$1.25.

**3750 KOCHI OR MIDNIGHT**—75-80. Very rich deep red-purple self color; almost round. Finest and richest dark colored Iris. 18 inches. 25c. 3 for 65c. 12 for \$2.00.

**3747 LOHENGRIN**—82. Rich silvery lilac with delightful pink tone. Large, prolific. 30 in. 25c. 3 for 65c. 12 for \$2.00.

**3748 LORELEY**—79. Standards light yellow; Falls ultra-marine blue bordered cream. 24 in. 25c. 3 for 65c. 12 for \$2.00.

**3752 MME. CHEREAU**—74. Pure white with broad, striking clear blue borders. 32 in. 25c. 3 for 65c. 12 for \$2.00.

**3753 MME. PACOUILLE**—Bright rosy claret; early and handsome; sweet scented. 20c. 3 for 45c. 12 for \$1.25.

**3751 MONSIGNOR**—84. Large pale violet; Falls overlaid rich violet-purple except edges. 24 in. 25c. 3 for 65c. 12 for \$2.00.

**3761 PALLIDA DALMATICA**—88. Clear lavender-blue, pale, silvery-blue at base. Superb. 40 in. 25c. 3 for 70c. 12 for \$2.50.

**3762 PALLIDA SPECIOSA**—S. violet; F. deep rosy purple. Large; very fine. 20c. 3 for 45c. 12 for \$1.25.

**3763 PROSPER LAUGIER**—86-84. Clear lavender-blue, shading pale rosy-purple. Very handsome. 36 in. 30c. 3 for 80c. 12 for \$3.00.

**3765 PURPLE KING**—Or Purple Queen. Rich, royal purple. Similar to Kochi color. Early. 20c. 3 for 45c. 12 for \$1.25.

**3767 QUEEN OF MAY**—74. Soft lilac rose that is pink in effect. Fragrant and very popular. 32 in. 20c. 3 for 55c. 12 for \$1.75.

**3770 RHEIN NIXE**—82-83. S. white; F. deep violet-blue, white edges. Striking. 30 in. 25c. 3 for 65c. 12 for \$2.00.

**3786 VIOLACEA GRANDIFLORA**—80. S. and F. clear violet-blue. Largest planted variety. 36 in. 20c. 3 for 45c. 12 for \$1.25.

## HARDY IRIS COLLECTION—\$2.95

One plant each of the above 20 popular Irises, a grand display and large range of colors. \$4.60 value—all for \$2.95. (Our selection of 10 varieties for \$1.50).



Hardy Garden Iris—Come in All Colors

## OTHER POPULAR GARDEN IRIS

**AMBASSADEUR**—92-91. Lavender; violet. \$1.00. 3 for \$2.50.

**BALLERINE**—90-89. Violet-lilac. \$1.00 each. 3 for \$2.50.

**BENBOW**—83. Deep violet-blue. \$1.00. 3 for \$2.50.

**BLACK PRINCE**—Darkest purple. 35c. 3 for 80c.

**CELESTE**—Old satiny blue. 25c. 3 for 65c.

**CLUNY**—86. Large tall lilac-blue. 75c. 3 for \$1.85.

**CRUSADER**—85-85. Light deep blue. 50c. 3 for \$1.25.

**DARIUS**—Primrose yellow, lilac. 25c. 3 for 65c.

**DEJAZET**—83. Bronze rose, violet. 75c. 3 for \$1.85.

**FAIRY**—76-78. White, blue borders. 25c. 3 for 65c.

**HONORABLE**—Gold, mahogany. 20c. 3 for 45c.

**JEANNE D'ARC**—78. Lilac, white. 25c. 3 for 65c.

**LENT A. WILLIAMSON**—88-88. Purple. 50c. 3 for \$1.25.

**LORD OF JUNE**—88-78. Rich blues. 75c. 3 for \$1.85.

**MEDRANO**—Rare smoky claret. 75c. 3 for \$1.85.

**MOTHER OF PEARL**—81-81. Pale blue. 40c. 3 for \$1.00.

**MRS. H. DARWIN**—68. White. 25c. 3 for 65c.

**MRS. WALTER BREWSTER**—Blue. \$1.00. 3 for \$2.50.

**NEPTUNE**—81. Blue, purple. 75c. 3 for \$1.85.

**PARC DE NEUILLY**—77-80. Violet blue. 25c. 3 for 65c.

**PROSPERO**—81-82. Lavender-purple. 75c. 3 for \$1.85.

**QUAKER LADY**—84. Blue and gold. 25c. 3 for 65c.

**QUEEN CATERINA**—88-88. Lt. violet. 75c. 3 for \$1.85.

**ST. CLAIR**—White striped violet. 25c. 3 for 65c.

**THE INCA**—Saffron yellow, plum. 50c. 3 for \$1.25.

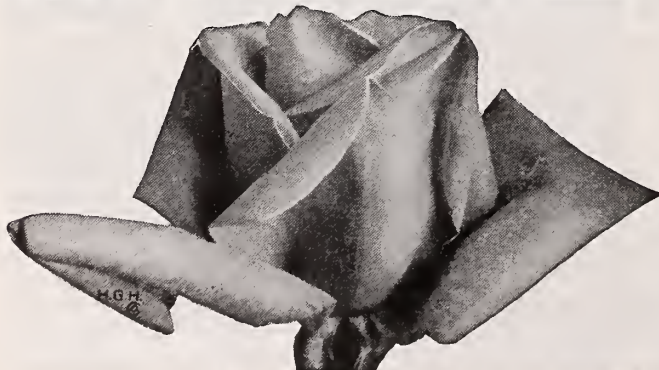
**TRIANON**—Flesh, yellow. Novel. 50c. 3 for \$1.25.

**WALHALLA**—69-73. Lavender, purple. 35c. 3 for 80c.

**W. J. FRYER**—74-79. Yellow, maroon. 50c. 3 for \$1.25.

# HASTINGS' FAMOUS ROSE COLLECTIONS

**The 3 Sweethearts—\$1.55** Exquisite small Roses in clusters, wonderful border plants. The light pink Sweetheart, Cecile Brunner; scarlet-red Miss Edith Cavell; perfect, blended Tip Top or Baby Doll. One Plant Each of These 3, just \$1.55.



White Killarney—Hardy Garden Roses—75c. 3 for \$1.85. Next page.

**The 3 Radiance Roses—\$1.65** Radiance Roses are the most popular Roses in America. Radiance, pink; Red Radiance, red, and Mrs. Chas. Bell, shell pink, are the 3 best Roses of their colors today. This Special Offer is to give you one each of the 3 world's best for only \$1.65. Order several of these.

**The Cochet 4 Roses—\$1.95** In the South the Tea or fragrant Roses are unsurpassed; beautiful large buds and full double flowers. Maman Cochet, pink; White Maman Cochet, white; Eugene Marliot, bright carmine red; Clothilde Soupert, pearly white garden cluster Rose. Less than 50c each—The 4 for only \$1.95.

**The 3 Perpetual Roses—\$1.75** The famous Paul Neyron, pink, largest of all Roses, Frau Karl Druschki or White American Beauty, most exquisite and perfect of all Roses, and Gen. Jacqueminot, scarlet-crimson—all hybrid-perpetual Roses, very free-blooming, strong growers—for \$1.75. 3 each of these 3 Roses for \$5.00.

**The 4 Finest Climbing Roses—\$1.85** Nothing takes the place of our wonderful Climbing Roses around Southern Homes on trellises, fences and porches. The beautiful Climbing American Beauty, Paul's Scarlet Climber, Silver Moon and Dr. W. Van Fleet. The finest quartet of climbing Roses in existence and that includes them all. All 4 for \$1.85.



WHITE ROSE  
K. AUGUSTA VIKTORIA

# HASTINGS' NURSERY ROSES

On the Hastings' Plantation near Atlanta we are growing over a hundred thousand Everblooming and Climbing Roses. These Roses are grown outdoors, are strong plants, full two years old, and have been blooming profusely all summer. They are of the finest outdoor or garden varieties. We recommend these strong plants for all sections of the United States where Roses can be grown. This fall, as soon as growth is checked by frost, we start digging these plants and shipping them.

Remember! Order now. Shipment is generally by November 15th.

**Prices** 75c each. Any 3 for \$1.85. Any 10 for \$5.65. 25 for \$12.90. 100 for \$49.00. (Except where priced otherwise.) Planting Directions With Each Order. Take advantage of this splendid offer. These Roses are usually priced at \$1.00 each, and are the most satisfactory varieties grown.

## HARDY OUTDOOR PINK ROSES

- CECILE BRUNNER**—Polyantha. The famous "Sweetheart Rose." Small flowers, exquisite pink with yellow base. 75c.
- GEORGE ARENDS**—HP. Pink American Beauty. Long, pointed buds of soft pink. Most beautiful pure pink Rose. 75c.
- JONKHEER J. L. MOCK**—HT. Strongest HT.; perfumed; prolific. Large flowers of brightest imperial pink. 75c.
- MRS. CHARLES BELL**—HT. Lovely shell-pink Radiance Rose with soft salmon shadings; finer color than Radiance. 75c.
- PAUL NEYRON**—HP. Largest of all Roses. Very vigorous, very double and fragrant; color is old rose; popular. 75c.
- PINK MAMAN COCHET**—T. Coral pink. Famous, dependable, very large, full, fragrant; long pointed buds. None finer. 75c.
- RADIANCE**—HT. Greatest Rose in America today. Brilliant rosy-carmine with rich pink tints. Absolutely satisfactory. 75c.
- WM. R. SMITH**—T. Pale flesh pink, marbled cream and pink. splendid shape; vigorous, free-blooming; very hardy Tea. 75c.

## HARDY OUTDOOR RED ROSES

- ETOILE DE FRANCE**—HT. Standard crimson garden Rose; centers bright cerise. Large, full, lasting, fragrant flowers. 75c.
- EUGENE E. MARLITT**—Bourbon. Deep carmine-scarlet. Doesn't fade; hardy, vigorous; fragrant, continuous bloomer. 75c.
- GEN. JACQUEMINOT**—HP. Scarlet-crimson. Clear, lovely color; deeply fragrant, perfect flowers. Strong and bushy. 75c.
- HIS MAJESTY**—HT. The Red American Beauty. Deep, rich crimson, shaded darker at edges. Highly recommended. 75c.
- MISS EDITH CAVELL**—Polyantha. Scarlet-red; large clusters of small, semi-double flowers; very brilliant. Baby Rambler. 75c.
- RED RADIANCE**—HT. Rich deep, rose red, otherwise same as Radiance and Mrs. Chas. Bell. Does fine everywhere. 75c.

## HARDY OUTDOOR WHITE ROSES

- CLOTHILDE SOUPERT**—Polyantha. Pearly white, free blooming, large clusters; fragrant; fine for low hedges. 75c.
- FRAU KARL DRUSCHKI**—HP. White American Beauty. Full buds and flowers; perfect form; free bloomer. Superb. 75c.
- K. A. VIKTORIA**—HT. See picture above. Creamy white, indispensable garden Rose. Lemon tint at center. Fragrant. 75c.
- WHITE KILLARNEY**—HT. Pure white; extra fine, long buds; enormous petals. Vigorous; free blooming. Very fine. 75c.
- WHITE MAMAN COCHET**—T. Immense perfect, high-centered buds; delightfully scented. Tinged pink. 75c.

## HARDY OUTDOOR YELLOW ROSES

- MLLE. FRANZISKA KRUGER**—T. Coppery yellow; beautiful, very double, large, prolific bloomer on strong plant. 75c.
- ROSA HUGONIS**—Species. Single yellow shrub Rose, 2-inch flowers along slender branches; 6 ft. tall. Great. 75c.
- SUNBURST**—HT. Orange centers; bright glowing yellow. Fragrant, perfect buds; disease resistant. Fine. 75c.
- TIP TOP—BABY DOLL**—Polyantha. 3-toned, very beautiful, everblooming cluster rose. Yellow blended white, pink, rose. 75c.

## HARDY CLIMBING ROSES

- CLIMBING AMERICAN BEAUTY**—Carmine rose color; large, cutting flowers of fine form. Very vigorous grower. 75c.
- DR. W. VAN FLEET**—Finest climbing Rose. Perfect, long pointed, light pink buds on long stems for cutting. 75c.
- EMILY GRAY**—Large, semi-double, deep golden buff-yellow flowers; long buds. Holly-like foliage. Extra. 75c.
- MARY LOVETT**—Called white Dr. Van Fleet. Handsome pure waxy white, scented, broad petaled flowers on long stems. 75c.
- MARY WALLACE**—Pillar Rose of vivid pink. New; large, perfect flowers; vigorous plant, superb foliage. Grand. 75c.
- PAUL'S SCARLET CLIMBER**—Intense scarlet, brightest and best red climber; holds its color. Profuse bloomer. 75c.
- SILVER MOON**—Long creamy buds, semi-double, gigantic white flowers in sprays. Fast growing. Second best climber. 75c.



Etolle de France—Red



Radiance—Pink, Red



Sunburst—Golden Yellow



Maman Cochet—Pink, White



(500) Alfalfa or Lucerne Clover—Most Valuable Clover Known

**503 BUR CLOVER** Builder of Land and Animals. It's a builder from start to finish, adding nitrogen to the soil for succeeding crops, adding vegetable matter, holding plant food from washing away in winter rains, and building up your live stock every day it is grazed.

It is an annual legume, coming from seed each year, furnishes some grazing during the winter, and if grazing is stopped late in March it will make a good hay crop in May. However, most prefer to let it go to seed, thus reseeding the ground for another winter's grazing. In the meantime summer crops can be easily grown on the same ground. The seed matures in time for the land to be plowed by June first. Its growth is strong, even on poor ground. On soils too poor for rye to get high enough to cut, Bur Clover made a growth of 2½ to 3 feet high.

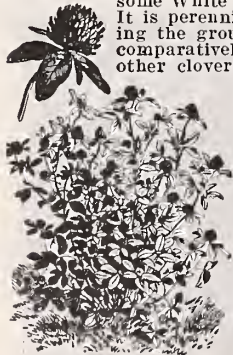
Southern Bur Clover seed is produced in small coiled pods and is sold "in the bur." Sow at the rate of 50 to 80 pounds per acre before September if possible. Early planting gives better stands. It is fine for sowing in Bermuda Grass sod. Lb., 45c. 5 Lbs., \$2.00. Not Prepaid—10 Lb. lots, about 22c per Lb. 100 Lbs. or over, about 20c per Lb. Write for special quantity prices.

**501 Alsike Clover** Also called Swedish Clover. Best clover for wet lands. Similar to Red Clover but more slender stems and smaller leaves; blossoms white shading pink. Does fine with grasses and with Red Clover for hay or pasture. Grows well in Northern Cotton Belt. Lb., 60c. Not Prepaid—10 Lb. lots, about 40c per Lb. 100 Lbs. or over, about 38c per Lb. Write for prices.

**507 Sweet Clover or Melilotus** Also known as Bokhara Clover. As a land-builder it has few equals. Experience on the Hastings' Plantation leads us to seed down our poorer land with it for soil building. It is a coarse clover resembling Alfalfa; in fact, has been called "Alfalfa's twin sister," and using the same kind of inoculation is very valuable in preparing land for Alfalfa. It is fine for raising bees and to build up your poor land. Sow about 12 pounds to the acre in August to October for fall planting. This is the true white flowered, not yellow flowered, Sweet Clover. Hulled or cleaned seed. Lb., 35c. Not Prepaid—10 Lb. lots, about 14c per Lb. 100 Lbs. or over, about 12c per Lb. Write for quantity prices.

**509 White Clover** This clover does well in the Central South. Most all permanent lawn and pasture mixtures should also have some White Clover. By itself it makes good grazing for cattle and sheep. It is perennial with rather uncertain habits of growth, sometimes covering the ground with a thick mat of vigorous plants and sometimes lies comparatively dormant, so it should be seeded into sod or mixed with other clovers or grasses. It succeeds best on moist ground or during a wet season. If sown by itself use 10 pounds per acre, or half that amount in a mixture. Highest grade seed. Lb., 65c. 5 Lbs., \$3.00. Not Prepaid—10 Lbs. about 45c per Lb. 100 Lbs. or over, about 40c per Lb. Write for quantity prices.

**508 American Grown Red Clover** A valuable farm crop in the northern part of the Cotton Belt. Equally good for pasture, hay or soil improvement. Even the first crop makes rich feed and is most valuable for hay. Red Clover is a nitrogen-gathering plant and one of the best soil improvers. Clover is one of the farmers' best friends, used in the regular rotation. Sow in the fall or spring, September and March being best. American grown seed. Lb., 60c. Not Prepaid—10 Lb. lots, about 40c per Lb. 100 Lbs. or over, about 38c per Lb. Write for quantity prices. NOTICE! A great amount of foreign grown Red Clover is on the American market, that from Italy being worthless. Even northern European Red Clover is worth about 10c per Lb. less than this highest quality American seed.



(508) Red Clover

# 500 ALFALFA

Alfalfa or Lucerne Clover is the most talked of and most widely planted of all clover varieties in the world.

Alfalfa in the South will produce 5 to 7 tons of hay to the acre each year and in true value is worth 45% more than other clovers and 60% more than Timothy hay. It will grow 4 or 5 crops a year and it does not exhaust the soil; it enriches the soil. Its long branching roots penetrate far down, 15 to 20 feet, and so loosen the subsoil that it is a gigantic subsoiler, resists drought, and gets plant food where other crops would be a failure. When the plants are destroyed in order to raise other crops on Alfalfa land, the large roots decay and produce a vast source of fertility to be used by following crops.

Full sowing is preferable although fine results can be obtained from early spring sowing. Get it thoroughly established by first preparing your land, applying plenty of lime, and before seeding you should inoculate the seed. If your land has never had Alfalfa growing on it before, be sure to inoculate the seed with nitrogen-gathering bacteria for Alfalfa which are necessary. See Stimugerm, Page 47. It is adapted to almost the entire South. Do not sow on wet ground, high and rather dry being preferable, and only cut when coming into bloom.

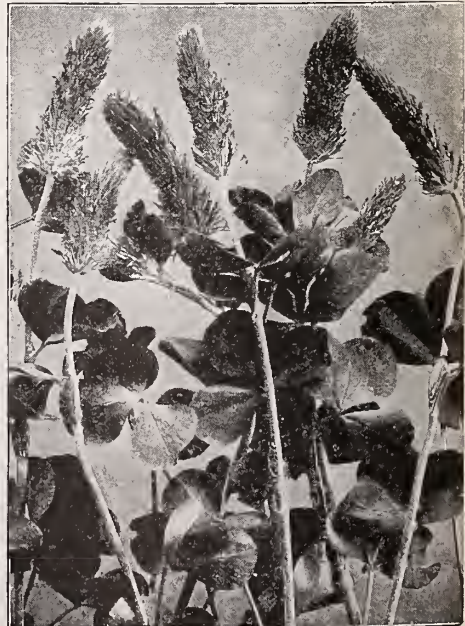
Do not buy cheap Alfalfa seed. If it's cheap, it is not pure Alfalfa. Weeds are very troublesome to Alfalfa, crowding it out and ruining the quality of your hay, so be sure to get the highest grade seed and no other kind. This is absolutely essential to success. Sow in thoroughly prepared soil, broadcast or in drills, at the rate of 20 pounds per acre.

We sell only the highest grade seed, 99% purity or over. American grown seed, the strongest on the market. Postpaid—50c per Lb. Not Prepaid—10 Lb. lots, about 34c per Lb. 100 Lbs. or over, about 32c per Lb. Write for best prices.

**504 CRIMSON CLOVER** Thousands of farmers are now planting winter soil building crops. They have opened the eyes of the South.

Crimson Clover is the most largely planted. It is a distinct and most valuable annual clover for sowing in late summer and fall in all parts of the South.

One enthusiastic grower wrote: "Crimson Clover is a vegetable gold mine." It will yield under fair conditions 8 to 10 tons of green feed per acre, 1½ to 2 tons of hay, and is considered worth fully \$20.00 to \$50.00 per acre as a fertilizer crop. Succeeds on almost all kinds of soil except the very poorest, but is especially valuable on light sandy or loamy soils. Sow at the last working of staple crops like cotton or corn; it is now also largely used in seeding down orchards. Crop can be grazed during the winter and if stock is taken off in March a full crop will be made. Sow seed broadcast at rate of 20 to 25 pounds per acre and harrow in lightly. Inoculation of seed will practically insure success. (See Bacteria Cultures on page 47). Lb., 40c. 5 Lbs., \$1.75. Not Prepaid—10 Lb. lots, about 20c per Lb. 100 Lbs. or over, about 18c per Lb. Write for quantity prices when ready to buy.



(504) Crimson Clover—"A Vegetable Gold Mine"



## 400 DWARF ESSEX RAPE

**DESCRIPTION**—Rape in its top growth looks very much like Rutabaga Turnips but it does not form a bulbous root. According to soil and season, it grows 15 to 30 inches high, making a splendid green feed and forage crop relished by all kinds of stock but principally planted for hogs and poultry. It is also popular for "greens" on the table and is a fine substitute for turnip or spinach greens. Rape is very hardy, standing any ordinary cold in the Cotton Belt or farther South. It is ready for grazing in 8 to 10 weeks from planting, with its broad, succulent leaves, and we know of no crop planted during the fall and winter that will bring as great returns for such a little expenditure of time and money for seed.

**CULTURE**—Plow and harrow your land down fine. Plant any time during the late summer, fall or winter, August to April, at the rate of 10 pounds per acre broadcasted or 3 to 4 pounds per acre if planted in drills like turnips. If broadcasted, cover the seed by a light harrowing. If there is a showery season Rape may be planted between the corn rows at the last working. It is an extra quick growing green forage plant for use any time during the fall, winter and spring when green feed is especially needed.

**RECOMMENDATION**—Rape makes good greens for the table, is particularly fine as a green feed for poultry, is relished by cows, sheep and all other live stock, but it is especially recommended for hogs. At one of the Experiment Stations one acre of Rape was used, in connection with a small grain ration, to pasture 20 hogs for 3 months. Rape is easily grown, fast growing, hardy and is ready for grazing or green feed much sooner than rye, oats, wheat or barley. It puts and keeps stock in fine condition. Seed is cheap and results are great. You certainly should plant Rape for hogs and poultry.

**400 DWARF ESSEX RAPE**—Packet, 10c. Lb., 30c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs. or over, about 12c per Lb. Write for large quantity prices when ready to buy.

## GRAIN PASTURE MIXTURE

**525 BEST GRAIN PASTURE FOR HOGS AND ALL STOCK**—Hastings' Special Grain Mixture for Hogs and Cattle will supply you more and better green pasturage during the fall, winter, spring and early summer than any other combination we know.

Made of the finest winter growing grains and forage crops, including Oats, Rye, Wheat and Barley for grazing purposes with enough Vetch and Essex Rape in just the right proportion to add variety to the pasture.

This mixture acts as a cover crop, keeping the land from "washing" during the winter rains and turning it under before the summer crop builds up your soil. The grazing stock will manure the land, saving fertilizer and saving spreading it. If you keep stock off while the ground is wet, your land as well as stock will be a lot better off for this grain pasture.

Don't pick the poorest piece of land on your farm and expect good pasturage. Use as good land as you can spare. Divide the pasture in two or more fields if possible so hogs or other



(400) Plant Dwarf Essex Rape for Feeds and Food

stock may be changed from one to another. This allows pasture to come back rapidly when stock is removed and growth is less injured.

Broadcast at least 100 pounds per acre, 150 pounds is better, from September until mid-winter but for best results plant early on good land. Break and harrow land as for oats, sow broadcast and harrow in. Give it a chance and your hogs will be well conditioned for the smokehouse.

**PRICE**—Not Prepaid—30 Lb. Bag, \$2.75. 100 Lb. Bag, \$5.00.

## 401 VETCH, THE WINTER CROP

When we speak of Vetch we mean the plant known as Sand, Hairy or Winter Vetch, which is the hardy variety, standing severe winters in all parts of the South without injury. This is the only variety safe to plant. Do not allow yourself to be fooled into buying the Spring Vetch either under the name of Spring Vetch, English Vetch or Oregon Vetch. Such is also used to adulterate Winter Vetch, and if you are offered Winter Vetch at a low price, look out for it. Spring Vetch is usually worth about 5 cents per pound and it is easy to fool the unsuspecting buyer.

Planted with small amounts of rye, oats, wheat or barley for a support after it begins to run, Vetch makes a magnificent hay crop in spring, coming in ahead of everything else except thoroughly established fields of alfalfa, and at the same time leaves added fertility to the soil.

From our own experience with Vetch, we want to impress on our customers the necessity for early planting. We have had splendid results from broadcasting the seed, mixed with oats, at the last working of both corn and cotton. If planted too late in the summer, results will not be as satisfactory. It matures seed in June and can be plowed under and a summer crop planted. If this is done, the land will be seeded down in Vetch. A good stand will come up during the late summer and will make a heavier growth than it did the first year. If this process is kept up, you will find your land growing richer very rapidly and a magnificent cover crop produced every winter without any seeding expense. We can show fields on our own plantation that have been changed from very poor and unproductive soils to rich and fertile land, simply by the use of Vetch as described above.

We make this assertion: that, in 3 years' time, and without losing the use of the land, any farmer in the middle South, can change his twenty-bushel-per-acre corn land into land that will make thirty-five bushels per acre. Please note that we are not talking about "brag patches" or hundred-bushel-per-acre yields. We are talking about plain everyday farming. We have tried it and proved it on the Hastings Plantation with the use of Genuine Sand or Hairy Winter Vetch. Start it making your land rich this fall. Seed should be inoculated. See page 47 for Soil Bacteria Cultures.

Remember—there is no better winter crop in the south than Winter Vetch. We bank on it on the Hastings' Plantation and we recommend it as highly as we possibly can. It's a real crop.

**PRICES**—Packet, 15c. Pound, 40c. 3 Lbs., \$1.10. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs. or over, about 14c per Lb. Write us when you are ready to buy and we will tell you the exact price in any quantity. Genuine Winter, Sand or Hairy Vetch.

## 402 AUSTRIAN WINTER PEA

A remarkable new winter legume, coming rapidly to the front. It resembles an early table or English Pea in size of seed, Canada Field Pea in character of vine growth. It's a heavy yielder, can be grazed and will put on a good second growth with better stooing out. It makes splendid hay, excellent for turning under, a fine winter cover crop and soil improver. It grows about waist high, can be planted by itself or with a light seeding of oats or rye to hold vines off the ground. Try it this fall. Sow 20 to 30 pounds per acre, like Vetch. Pound, 35c. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs. or over, about 14c per Lb. Write for quantity prices when ready to buy.



(401) Hairy or Winter Vetch

# PLANT RYE, BARLEY AND WHEAT



Hastings' Georgia Grown Winter Rye—The Standard South

## HOW TO PREVENT GRAIN SMUT

The greatest drawback to planting grains is "Smut." Smut can very easily ruin a crop of grain and there is hardly a place anywhere that is not infected. We could treat all our grain seeds before sending them out but such is not practical nor effective. You must treat your grain before planting. Here's the way to prevent smut:

Keep all barberry bushes cut close to the ground. Treat every lot of oats, wheat, rye and barley you plant with "Semesan." The day before planting, spread grain on floor and sprinkle thoroughly with a solution of Semesan or put solution in barrel and dip sack of grain in it according to the simple directions. Then spread grain to partly dry. Open grain drill a little more than for dry seed when planting. It can also be applied as a dry dust. Write for booklet on Semesan for treating grains and other seeds and bulbs. All grains and bulbs planted on the Hastings' Plantation are treated with Semesan because it pays. See Page 47 for Semesan. Ceresan is used for grains.

## HASTINGS' WINTER RYE

**SOUTHERN GROWN**—All our rye is strictly winter rye and perfectly hardy. It is Southern grown and adapted to this entire section, either for winter grazing or grain production. With half a chance it almost invariably "makes good" wherever planted in the South. Every bushel of rye that goes out from this house is right stock. We know exactly from where it comes. Every bushel of it goes through our re-cleaning machinery, which takes out dust, trash and light grains that are left by threshing machines. It's exactly what you need to make a successful rye crop next winter. Write for our best prices on quantity you want when ready to buy.

### ABRUZZI RYE—SOUTHERN GROWN

We have grown Abruzzi Rye many years and do not hesitate to say that it is as far ahead of the old Southern Rye as the Southern is ahead of Northern Rye. Adapted to Southern conditions, pure Abruzzi Rye is the best Rye for the South. It stools out quicker and heavier, quickly covering the ground and protecting its roots in winter. It can be pastured a month to six weeks earlier than other varieties of Rye or Oats.

For the dairyman especially, this early pasture makes it invaluable. For others it is certainly worth while planting a variety that will make 50% more pasturage or hay than other sorts.

Frankly, the best Georgia Winter Rye is often sold as Abruzzi Rye. Abruzzi has become so well spread and mixed with Georgia Rye that there is practically no pure, original Italian Abruzzi, Southern grown seed, on the market. We have obtained some of the real Southern grown Abruzzi this year, however, and offer it as long as the supply lasts. We ask you to write for a special quotation on the amount you want just as soon as you are ready to buy.

**ROSEN RYE** is being dumped into the South by the carload. Most of it is common Western Rye but Rosen Rye itself is mighty poor in the South. Plant Southern Grown Winter or Abruzzi Rye for success.

## BEARDED BARLEY

In recent years there has been a great increase in barley planting, especially by poultry raisers, who want it for winter green feed and grazing. Furnishes fine grazing through the fall, winter and spring; also makes a fine quality hay. If not grazed too long Barley may be harvested for grain, making it a dual purpose crop. Very easily grown through the South and your idle land needs this cover crop. Sowed at last cotton or corn working, the only expense is the cost of seeds. All our Barley is re-cleaned and tested Southern grown Winter Barley. Broadcast 2 bushels per acre. Write for our best prices on quantity you want when ready to buy.

## WHEAT CULTURE

Write for our "Grain Book," which gives you detailed instructions about Wheat and other grains. The best time to plant Wheat in the Southern States is from October 15 to December 15, giving the plants a chance to get a start before freezing weather. In early seeding, plant one bushel of seed per acre. After about November 15, it's better to use  $1\frac{1}{4}$  to  $1\frac{1}{2}$  bushels per acre. Plant in drills, using the "open furrow" method, the same as for Oats. Wheat is easily grown in the South and much more of it should be planted.

### RED MAY OR BLUE STEM WHEAT

This is an old favorite among the wheat growers in the South, sometimes also called Purple Straw. It's the most generally satisfactory beardless variety. It's a fine, rather early, productive, beardless variety of wheat, a standard in this section. It has always been a rather early variety, but the strain we are now handling ripens from a week to ten days ahead of the old strain. Good for grain production or if you desire to cut it when "in dough" makes a splendid hay crop. Write for prices, samples and freight rate on amount you want when ready to buy.

## BEARDLESS BARLEY

Furnishes fine grazing through the fall, winter and spring; also makes a fine quality hay. If not grazed too long this Barley may be harvested for grain, making it a dual purpose crop. Very easily grown through the South and your idle land needs this cover crop. Sowed at last cotton or corn working, the only expense is the cost of seeds. Broadcasting takes 2 bushels per acre. If you want a beardless Barley, this Southern grown seed is the best for all Southern plantings. Write for prices on the quantity you need just as soon as you are ready to buy. Sample and freight rate to your station gladly sent on request.

### FULCASTER WHEAT

This is a bearded wheat of the finest type grown anywhere. We are constantly being asked the question, "What is the best variety of wheat?" Now, there is no one best variety of wheat for all kinds of seasons, lands and locations. Some growers prefer a bearded wheat, others won't have anything but a smooth or beardless wheat. Different growers and different sections have their preferences.

Fulcaster is a thoroughly acclimated wheat grown here in the South for many years. It's strong, vigorous and heavy yielding. It makes satisfactory crops in good seasons and bad. It's extremely hardy, standing our severest winters without serious injury, and a safe, reliable variety to plant.

There are thousands of people each year in the South who plant wheat for the first time and possibly do not give the preparation that more experienced growers would give. To such we especially recommend our Fulcaster, for it will stand adverse conditions better than any variety of wheat we know. When you plant Fulcaster you know exactly what you have, an acclimated wheat that makes heavy yields. Write for prices, samples and freight or express rate to your station on the quantity you need when ready to buy.

# HASTINGS' 100-BUSHEL OATS

## BEST HEAVY YIELDING RUST-PROOF OATS for the SOUTH

For paying, worth while oat crops the planter must have a good heavy yielding, well adapted "rust-proof" variety, and then strong, vital, re-cleaned and graded seed of that variety. In the past too little attention has been paid to the quality of seed planted, especially seed grain.

On our part we knew that we could not furnish the best unless we first grew or had grown for us the best quality possible and then re-cleaned it of weed seed and small undeveloped grains. This necessitated our spending thousands of dollars for re-cleaning machinery, steady, regular and effective in seed cleaning.

It is no exaggeration to say that the Hastings' system of re-cleaning and grading increases the stand by at least 15% over seed not re-cleaned. Besides, every plant coming up is capable of making a vigorous plant giving a maximum yield.

Oats are easier to grow than corn, cost less to make and are a far better feed in summer for work stock, being less heating. They furnish a combination of grain and hay feed in ease it is inconvenient to thresh them out.

Hastings' 100-Bushel Oat is a true strain of Southern rust-proof oats. For an all around general purpose oat you can find nothing that will compare with it. Planted in early fall it grows off quickly and has proven almost as hardy as rye. Stools out strongly and makes the best kind of grazing for cattle, hogs, horses and mules during the winter and early spring.

**PRICES**—Dealers selling farm run of oats regardless of quality and not re-cleaned or graded can undersell us. So can a person claiming to sell re-cleaned seed when it has only been run through a fanning mill. It will pay you to plant Hastings' Oats even at double the price of ordinary oats. Hastings' grains are of the strongest vitality, over 95% germination, as clean and free from dirt, trash, weed seed, chaff and small or undeveloped grains as the best re-cleaning machinery can make them. Further, we use new, sound bags, and give full, even weights. Lb., 30c. **Not Prepaid**—Bushel, \$1.40. 10 Bushels or over, \$1.25 per Bu. Prices subject to change. Write for larger quantity prices when ready to buy.



Hastings' 100-Bushel Oats, Growing on the Hastings' Plantation. Order Seed Early and Grow Your Own Feed.

### FULGHUM EARLY OATS

Extravagant claims have been made for the Fulghum for extra earliness, large yields, etc., which have not been borne out by actual test. However, it is a good early oat with exceedingly heavy straw. A three-year impartial test by one of the Southern Experiment Stations shows that its average date of maturity is eight days earlier than Appler, and the yield per acre each year ranged from eight to ten bushels less than Appler. Apparently its greatest value is a variety to plant for part of the crop, for by planting half the acreage in Fulghum and half in 100-Bushel or Appler the harvest season is lengthened and the farmer with limited machinery equipment can handle successfully a larger acreage.

The Fulghum is the best early oat we have seen for the South. We recommend it as an early oat only and for those willing to sacrifice quantity to earliness. It is a clean, vigorous growing, healthy variety for early crops and has practically superseded the Burt or 90-Day Oat in the Cotton Belt. We grow it extensively on the Hastings' Plantation and know its merits. Lb., 30c. **Not Prepaid**—Bushel \$1.40. 10 Bushels or over, \$1.25 per Bu. Prices subject to change. Write for closest prices on larger quantities.

### GENUINE APPLER OATS

A selection from the Texas Red Rust Proof made years ago in Georgia, and was the best variety up to the introduction of our "100-Bushel." It is a genuine "rust-proof" strain and a main crop Oats for you to plant this year. It's a heavy yielder, stools out nicely, is very hardy and we will have the best grade you can buy. Lb., 30c. Write for prices on amount you want when ready to buy. We cannot make definite prices as this is written.

### TEXAS RUST PROOF OATS

Genuine Texas grown seed. We get this variety direct from Texas in solid car lots. While we do not recommend it as compared with "100-Bushel" and "Appler" we can supply the very best re-cleaned seed with the weed seed and Johnson Grass, almost invariably found in them, removed. Lb., 30c. Write for prices on amount you want when ready to buy. We will offer our best price with express or freight rates to your station.

Remember! Write for prices and express or freight rates as soon as you are ready to buy on all fall grains. We cannot make definite prices as this is written but will give you our closest prices when you are ready. "It Pays to Plant Hastings' Seeds."



# SOUTHERN RURALIST

Head and shoulders above every other farm paper in the South stands the *Southern Ruralist*, that best of all practical common sense farm papers.

There are more than one hundred publications being mailed through the Atlanta post office and not a single one of them has the number of readers and the influence of the *Southern Ruralist*. The *Southern Ruralist* is "Supreme in the South."

The time has come when the successful farmer must read, keeping up with the new things in the agricultural world, developments and betterments of methods outside of his own immediate neighborhood.

The farmer who is to succeed in his line of business as other men succeed in other lines of business can no more afford to get along without one or more good farm papers than he can get along with an old style plow or cultivator when something that will do more work and better work is available.

Regardless of whether it be farming or merchandising or manufacturing, the men who are in it must know all they can if full measure of success is to be attained. The more information a person can get the better prepared he is to meet his problems.

We read the *Southern Ruralist* regularly. There is hardly an issue printed that doesn't carry some item of farm information that we can make use of on the Hastings' Plantation and we are mighty glad to get it. We don't care a rap whether useful farm information comes to us through the *Southern Ruralist* or by word of mouth. The main thing is to get the information and be sure of its reliability.

Farming isn't what it used to be in the days of our fathers and

grandfathers. We have farm problems, plant diseases and insect pests that were unheard of in their day. If we are to succeed we must farm on a present day basis instead of on the father or grandfather basis. If we don't keep up with the changes we won't last long in the farming business.

You may think it strange that a whole page of this seed catalog is taken up with the merits of and special price offer of an agricultural paper. It is unusual, but the more our farmer friends read the good and practical ideas and put them in practice on the farms, the better crops at less cost they will produce. This makes a better farmer in every respect and a better seed buying customer of good seeds, the only kind fit to plant.

The farmer who reads and acts on the knowledge acquired will grow more diversified crops; he is a candidate to buy better seeds of better varieties. He will give the garden the attention its importance deserves and in time as he gets better fixed in a money way his wife will want and be willing and able to buy flower seeds and plants that we sell.

The Lord help the seedsman who has to depend on the business he can get out of the exclusive cotton planting, "land skinning" farmer who can't see any further ahead than a supply merchant to run him, and who as a rule hasn't got the price of a nickel package of collar seed ahead in his pockets. The seedsman depending on business from that kind of a non-reading farmer would go broke in short order.

We all need to read more and think more about what we read and in that reading we want to make the right start by reading the right kind of a farm paper.

## Why Not Read the Best Farm Paper

This is an absolutely fair, common sense question. Why not? Why not read the best farm paper, one that is edited and printed for your particular section so that the farm information contained therein won't be misleading in any way?

When you begin to study about buying a new plow or cultivator you are not going to buy a plow for instance made for and adapted to Iowa prairie soil or Ohio or New York conditions alone. You are looking for a plow or cultivator to fit Georgia or Mississippi or some other Southern State as the case may be. That particular implement wants to be and must be adapted to your particular conditions. The plow that might just suit the Iowa or New York man would be more or less of a failure if you tried to use it on a different kind of soil than it was built to serve.

It is exactly the same way with farm papers. There are some splendid farm papers published further north. They are fine for the farmers in their particular sections but the conditions they serve are different from the ones you work under. You must have a farm paper edited and made up by men who know the South, know exactly the soil conditions you have, the problems of plant diseases and insect pests that you have to combat, the fertilizing problems, etc., the hundred and one things that the farmer of the South has to deal with which the farmer and farm paper editor of the North know little or nothing about.

We believe absolutely in the *Southern Ruralist*. We have seen it grow from a little four-page monthly with 500 circulation to a magnificent standing and influence, 24 to 64 pages each issue and going to almost 600,000 farm families twice each month.

Such growth could only come from giving satisfaction to the readers, giving each year many times the value of the small amount spent for it.

Knowing the *Southern Ruralist* as well as we do enables us to sell it to you under the absolute guarantee of your money back if you are not satisfied. See this "money back" offer below. We have handled tens of thousands of subscriptions for the *Southern Ruralist* in this way and have yet to have a single subscriber ask for his money back.

Below will be found the special offer. Remember, Mr. C. A. Cobb, the editor, and Col. F. J. Merriam, President, as well as all Department Editors are thorough and practical farming men who know and come in practically daily contact with their own and many other farms.

It's a great paper, the best farm paper, the most practical farm paper in the South. The publishers are wide-awake, well-known, responsible agricultural men that you can rely on and you can't afford not to read the *Southern Ruralist* if you want the largest measure of success on your farm.

## SPECIAL PRICE AND MONEY BACK OFFER

The regular subscription price of the *Southern Ruralist* is 50 cents per year, about 2 cents per copy. If sent in with your seed order we can have it sent to you for 25 cents. Foreign subscriptions are \$1.00 each per year. In the 4th Parcel Post Zone the postage alone is about 48 cents a year or 2 cents per copy. You see from this that you are actually getting the *Southern Ruralist* free; all you are asked to do is to pay part of the postage and we will see that you get the magazine. 25 cents, along with your seed order, brings you twice each month for one full year The *Southern Ruralist*, 24 to 64 pages each issue, Rotogravure covers of latest events in pictures, good stories, editorials and worth-while farming, gardening, orchard, live-stock and Southern Home and Garden information by the leading men and women in Southern Agriculture. Bill Rumpus' "One Gallus Department for Men" is the richest satire, amusing commentary on current events to be found. Watch the ladies read it!

We want every Hastings' seed buying customer to be a reader of the *Southern Ruralist* because we know that you will find it worth while; know that if you read it and use the information, you will gain dollars for every cent spent for the paper. Let no one say "I can't afford it" for that tale won't go. About a pound of cotton, about a peck of corn or a couple feeds of oats will pay for the *Southern Ruralist* for a year. On top of this we will guarantee that any time within three months we will refund the money paid and have your subscription stopped if you are not fully satisfied.

In this offer we guarantee full satisfaction and money back if you don't think it worth it. You need the *Ruralist*. Every issue of the twenty-four during the year you will find helpful. Through us you can buy it for 25 cents, with an absolute, positive guarantee of your money back if you are not fully satisfied at the end of three months. You can't get anywhere in this world a fairer, squarer offer than that. Just enclose 25 cents extra with your seed order for the *Ruralist* for one year. We will start it coming promptly.

# Insecticides—Supplies—Cultures

**EVERGREEN** Non-poisonous, all-round, good and effective, liquid pyrethrum insecticide that is sure death to common insects. Economical to small and large users. 1 Oz. (makes 6 gallons of spray), 35c. 6 Oz., \$1.00. 16 Oz. \$2.00. Gallon, \$13.00. Dealer's Prices and Bulk Prices on request.

**PLANTGARD** Non-poisonous, effective insecticide in powder form. Just dust it on and it kills the insects. Lb. (about) Pkg., 35c. 2 Lbs. (about) Pkg., 60c.

**Slug Shot** To kill biting or chewing insects—bugs, beetles, slugs, worms, green flies, etc. Doesn't injure foliage. Lb., 35c. 5 Lbs., \$1.00. 10 Lbs., \$1.75.

**Fish Oil Soap** A wash for sucking insects, larvae and eggs, especially aphids on trees, vines and plants. Often used with Tobacco Dust. Lb. box, 35c.

**Tobacco Dust** For aphids and flea beetles, especially in soil and around roots. 2 Lb. box, 35c.

**SEMESAN** The organic mercury disinfectant for dust or liquid use on seeds, bulbs and soil. Anthracnose, fusarium, rots, blight, rust, scab, wilt, mildew, damping-off, smut, scurf and many other seed-borne diseases are controlled by this DuPont-Bayer disinfectant. We would like to treat every lot of seeds and bulbs we sell but it's a poison so we cannot. You can treat all you plant. Write for full information. **POISON!** Cannot be mailed. By Express—Not Prepaid—½ Lb., \$1.60. Lb., \$2.75. 5 Lbs., \$13.00. 25 Lbs., \$62.50.

**CERESAN**—For treating Oats, Wheat, Rye, Barley and other cereal grains. **Poison! Not Prepaid**—Lb., 75c. 5 Lbs., \$3.00.

**Watch-em-Grow** Excellent to use on house plants and ferns, in porch and window boxes, for garden plants, for making up potting soil and for touching up poor spots in lawns. Just a teaspoonful in a gallon of water sprinkled about the plants starts that fine growth and rich bloom that we all want. The Guaranteed Analysis is: Ammonia, 19%; Phosphoric Acid, 10%; Potash, 14%. Total, in perfect balance, 43%, odorless, quick acting, available plant food. Postpaid Price—50c per ½ Lb. Can.

**Stim-U-plant Plant Tablets** Plant food in tablet form, containing 11% nitrogen, 12% phosphoric acid and 15% potash. Stim-U-plant tablets are the richest plant tablets sold, highly concentrated, immediately available plant food for all fruit, flower, vegetable and ornamental plants. Try them on your house plants and they will become strong and healthy. Complete directions with package. Trial size, 15c. Small size, 25c. Medium size (100 tablets), 75c. Large size (1,000 tablets), \$3.50.

**StimUplant**  
Makes a  
Wonder Garden

**Bird Seeds** Hastings' Mixed Canary Bird Seed, Hemp Seed, Sweet German Rape, Sicily (Canary) Seed. Each—Pound, 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs., \$1.50.

**Hastings' Mange Balm** For Dogs. Satisfaction guaranteed or money refunded. Has completely cured hundreds of cases, including the terrible Red Mange. Hair returns naturally. \$1.00.

## Stimugerm—Bacteria Cultures

Making better crops at less cost for fertilizer ought to be the aim and object of every farmer and gardener. Inoculation will help do both. Remember, however, that these bacteria only act directly on what are known as leguminous crops; this includes all kinds of clover, beans, peas, alfalfa, vetches and peanuts. On these the bacteria can be applied with direct benefit—that is, it will make great deal larger crops per acre than you would otherwise get.

Our illustration shows how these bacteria act on the roots of leguminous plants such as just mentioned. The knobs or "nodules," as they are termed, are little storehouses of nitrogen, that costly element of plant food that these bacteria have gathered from the air. Some of this goes to feed the plant while growing, but the larger part remains stored in the soil for crops to follow.

**STIMUGERM**—In liquid or jelly medium, well known to be the purest and most effective because sealed in glass bottles. However, we can supply Humogerm in cans of humus medium on special order at these prices if you desire. Simple directions for use on bottles makes it easy for anyone to apply it to the seeds before planting. 1-bu. size will inoculate 1 bushel of seeds or as much seed as you want to plant on one acre.

**REMEMBER!** Each kind of crop takes a different kind of culture. Culture for Group 1 is not any good for crops in Group 2 or other Groups. Order by Group number. Prices are postpaid.

- ORDER BY GROUP NUMBER**
- Group 5—Special Garden Unit (for 15 Lbs. Peas, Beans, Sweet Peas).....\$ .25
  - Group 1—For Red, Crimson, Alsike and White Clover. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.
  - Group 2—Alfalfa, White and Yellow Sweet Clover, Bur and Hubam Clover. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.
  - Group 12—For Japan Clover or Lespedeza. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.

- ORDER BY GROUP NUMBER**
- Group 3—All Vetches, Sweet Peas, Garden Peas. 1 Bu. size, 60c. 5 Bu. size, \$2.25.
  - Group 7—Cowpeas, Peanuts, Lima Beans, Velvet Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.
  - Group 8—Garden Beans, Field Beans, Navy Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.
  - Group 9—Soy or Soja Beans, all varieties. 1 Bu. size, 60c. 5 Bu. size, \$2.25.
  - Group 10—Hastings' Mung Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.



Seed Was Inoculated

# PULVERIZED SHEEP MANURE

Best for Lawns, Vegetables, Flowers, Trees, Fruits and Shrubbery

The real secret in making a beautiful, velvety green lawn or park-way, provided you have good, heavy, plump, viable seeds; the real secret in making vegetable and flowering plants grow to perfection from good seeds, lies in preparing a rich, mellow soil.

We use many tons of Sheep Manure on the Hastings' Plantation, especially for our extensive trial grounds and for summer flowering bulbs. We use it on our own lawns each year and sell many carloads in Atlanta, in every month of the year, for lawns and gardens.

## Cheap, Easy to Use—Gets Results

This concentrated, weedless manure will make your lawn and all plants grow luxuriantly. It is not a combination of chemical stimulants but a real soil building plant food—safe and dependable for every fertilizer use. It not only stimulates plant growth but supplies humus to the soil for retention of moisture and air circulation, is slow acting to give plants food over the whole season of growth and it puts new life in worn out soils.

Wizard Brand Sheep Manure is economical to use in your flower pots, porch boxes, flower beds, lawn and garden, around fruit and shade trees and for shrubbery and other plantings.

One 100-Lb. bag is equal in plant food value to a whole wagon load of barnyard manure. The cost of a load of manure, hauling it, composting it or just spreading it will very likely be far more than the cost of a bag of Wizard Brand. Being dry and pulverized, Wizard Brand is convenient and easy to use, not objectionable to handle and it makes your lawn and garden grow to perfection. It makes good garden soil. For excellent results use 100 pounds, one bag, to 1,000 square feet (plat 20 by 50 feet) of lawn or garden or flower yard. Use 1,000 pounds or more per acre. Grow the finest vegetables and the most beautiful flowers in your neighborhood this year and have a velvety green lawn with Sheep Manure.



## Prices of Wizard Brand Sheep Manure

Sheep Manure is not allowed to be mailed. Write for Dealer Prices. **NOT PREPAID**—25 Lb. Bag, \$1.00. 100 Lb. Bag, \$3.00. 500 Lbs., \$2.50 per 100 Lb. Bag, \$45.00 per Ton. Prices subject to change. Write for our best quantity prices when ready to buy. Sheep Manure is shipped by express or freight.



# Grass Seeds—Lawn, Hay, Pasture

**LAWNS, GOLF COURSES, PARKS, LANDING FIELDS**  
 See Page 3 for Hastings' Lawn Grass Mixtures! We make a specialty of grasses. We have only the highest grade seeds, the only kind for success and satisfaction. New subdivisions, golf and polo grounds, aviation fields, parks, shady lawns, grass tennis courts, etc., that need real attention are our most interesting problems. Write us your problems and write for our special quotations on quantity lots. We can and will serve you best. Write also for prices on other grasses not listed, such as Creeping Bent, Poa Trivialis or Rough Stalked Meadow Grass.

**533 Kentucky Blue Grass** Excellent lawn grass; ideal for golf fairways and putting greens; makes the sweetest and best pasture grass. Maximum growth in spring and early summer; more effective the second year than first. Deep vivid green, leaf blades very narrow and plants are slightly creeping. Ideal growth is 12 inches if left uncut. We make a specialty of fancy re-cleaned Blue Grass Seed for extensive lawn work throughout the South, where pure vital seed, free from weeds, is essential. Sow 5 pounds per 1,000 sq. ft. for lawns; 40 pounds per acre for pasture. Lb., 50c. 5 Lbs., \$2.25. Write for quantity prices. Not Prepaid—10 Lb. lots, about 40c per Lb. 100 Lbs. or over, about 35c per Lb.

**532 Italian Rye Grass AMERICAN GROWN.** This domestic seed is heavy, plump, high grade seed and is thoroughly satisfactory. Makes excellent winter grass following Bermuda in the South and makes heavy hay crops on rich land. An annual grass with tall, broad, flat leaves; plants grow in tufts if left uncut. Very valuable for Southern winter and spring lawns with its quick growth. Scratch it in Bermuda sod each fall for a velvety green lawn the year round. Sow 5 Lbs. per 1,000 sq. ft. for lawn; 45 Lbs. per acre for pasture. Lb., 30c. 5 Lbs., \$1.25. Not Prepaid—10 Lb. lots about 12c per Lb. 100 Lbs. or over, about 10c per Lb. Write for prices.

**536 Italian Rye Grass IMPORTED SEED.** Just as satisfactory as American grown seed. Lb., 35c. 5 Lbs., \$1.50. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs. or over, about 14c per Lb. Write for prices.

**535 English or Perennial Rye Grass** Similar to Italian Rye Grass, lasts longer farther north but acts as an annual in the South. Rapid grower, fine winter and spring lawn grass with its quick growth; smooth, narrow, flat, shining leaves, ideally reaching 2 feet in summer with moist, medium soil. Especially valuable for fall and early spring planting. Also very valuable for hay and pasture. Sow 5 Lbs. per 1,000 square feet for lawns; 45 Lbs. per acre for pasture. Lb., 35c. 5 Lbs., \$1.50. Write for quantity prices. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs. or over, about 14c per Lb.

**545 Red Top or Herd's Grass** Valuable for lawns and pastures with leaves narrow, becoming very narrow with lawn cultivation. Plants slightly creeping and ideally growing 2 feet high in early fall. Grows on all soils but best on low, stiff, moist land. Holds well in summer if repeatedly mowed; stands wet weather and overfllowing for even 2 or 3 weeks. Chief value is for winter pastures. Sow about 15 Lbs. per acre. Lb., 40c. Write for prices. Not Prepaid—10 Lb. lots, about 22c per Lb. 100 Lbs. or over, about 20c per Lb.

**542 Orchard Grass** Widely used for hay and pasture and it even thrives under trees. Grows on all soils, reaching ideally 4 feet in late spring with its large bluish green plants with flat leaf bases. Bears closest grazing. Sow about 45 Lbs. per acre. Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 24c per Lb. 100 Lbs. or over, about 22c per Lb.

**546 Timothy** The most important hay and pasture grass for the northern part of the South and farther north. It is a coarse, vigorous plant with very broad leaves; grows 3 feet in summer on rich land. Sow 30 Lbs. per acre. Lb., 35c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 12c per Lb. 100 Lbs. or over, about 10c per Lb.

**541 Tall Meadow Oat Grass** Valuable for hay and pasture; grows 4 feet tall in early summer; furnishes two cuttings annually and is very hardy, standing heat and cold in practically all soils. Vigorous plant with very broad leaves. Sow 33 Lbs. per acre. Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 22c per Lb. 100 Lbs. or over, about 20c per Lb.

**538 Meadow Fescue or English Blue Grass** Grows 3 feet tall in summer with very broad, flat leaves; giving an abundance of hay and pasture on any soil not water-logged. Sow about 35 Lbs. per acre. Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 24c per Lb. 100 Lbs. or over, about 22c per Lb.

**530 Bermuda Grass** Seed should be sown between March and June. Seed will not grow when ground is cold. Lb., 60c. Not Prepaid—10 Lbs. or over, about 40c per Lb. 100 Lbs., about 35c per Lb. Write.

**537 Johnson Grass** Planted in early fall or spring, 50 Lbs. per acre, will give permanent summer pasture and hay crop forever. Lb., 35c. Not Prepaid—10 Lbs. or over, 14c per Lb. 100 Lbs. or over, about 12c per Lb. Write for prices.

**553 Carpet Grass** Plant 10 Lbs. per acre this winter in the lower South, in early spring farther North, on moist lands. Delivery after October 1st. Not Prepaid—10 Lb. lots, about 27c per Lb. 100 Lbs. or over, about 25c per Lb. Write for prices.

## 551 HASTINGS' PERMANENT PASTURE MIXTURE

This mixture is only recommended for the northern parts of Georgia, Alabama, Arkansas and South Carolina, but in North Carolina, Tennessee and further north you will find it gives good results and is fairly permanent. It should be planted in the fall or early spring and the land should be thoroughly prepared, rich or heavily manured and fertilized, worked smooth and fine. Sow at least 35 pounds of seed per acre and it is best to add a pound

each of Red Clover and Alsike Clover seed to each 10 pounds of the mixture. Clover and grass seeds won't mix evenly so buy the clover separately. There is no Bermuda or Johnson Grass in the mixture. It is properly proportioned for best results and contains Blue Grass, Orchard, Meadow Fescue, Red Top, Tall Meadow, Italian Rye, Crested Dog's Tail and English or Perennial Rye Grasses. Lb., 50c. 5 Lbs., \$2.25. Not Prepaid—10 Lbs., 35c per Lb. 100 Lbs., 30c per Lb. Prices subject to change. Write.

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**FLOWERING BULBS**—See pages 31-40 and back cover.

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# HASTINGS' SEEDS ORDER SHEET

Please do not write in above space

**H. G. Hastings Co., Atlanta, Ga.**

F2! PLEASE DO NOT WRITE IN THIS SPACE

Gentlemen:—I am enclosing \$ \_\_\_\_\_ for this order.

Ship to me by — Mail  Express  Freight   
(Mark X in square for desired shipment)

Name Mr.  
Mrs.  
Miss \_\_\_\_\_  
(If Mrs., kindly use husband's first name or initials, as Mrs. Sam B. Clark)

Postoffice \_\_\_\_\_ State \_\_\_\_\_

Rural Box Express or  
 Route No. Freight office \_\_\_\_\_  
(If Different from Your Post Office)

Street  
 Address \_\_\_\_\_

BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 2

	Number in Catalog	Quantity	Names of Seeds or Other Articles Wanted	PRICE	
				Dollars	Cents
	<b>SUB.</b>		<b>1 YEAR'S SUBSCRIPTION TO THE SOUTHERN RURALIST</b> <sup>24</sup> Numbers <b>25 CENTS</b>		
	<b>SEED COL.</b>		<b>35c—HASTINGS' BIG 7 TURNIP COLLECTION—\$1.00</b> <small>35c for 7 Ounces—7 VARIETIES—7 Quarter Pounds for \$1.00</small>		
	<b>BULB COL.</b>		<b>50c—GIANT DARWIN TULIP COLLECTION—\$1.00</b> <small>10 Varieties for 50c—20 Varieties for \$1.00</small>		
PLEASE DO NOT WRITE IN THIS SPACE					

**Remember---No order too large or too small to send to HASTINGS'**

	Number in Catalog	Quantity	ARTICLES WANTED	Dollars	Cents
	PLEASE DO NOT WRITE IN THIS SPACE				

TEAR OFF ALONG THIS LINE

**Seed Premiums** Please read carefully so that you understand this offer fully. When you order seeds in packets and ounces to the amount of one dollar or over you can select other seeds in packets only to the amount of 25 cents on each dollar's worth of packets and ounces ordered. This does not apply to the larger sized packages, such as quarter-pounds, pounds, two-pounds, etc., nor does it apply on special collections of seeds, onion sets, plants or bulbs. You can not order a dollar's worth of seeds in packets and ounces and then select a quarter-pound of something priced at 25c, or a pound of peas or beans as a premium; neither can you order a dollar's worth of seeds in quarter-pounds, pounds or two-pounds, and then select 25 cents' worth of seeds in packets. To be entitled to these premium seeds you must order seeds in packets and ounces to the amount of a dollar or more, and then select the premium seeds in packets only. **We shall be glad to have you select the premium seeds that your order may entitle you to under this offer.**

**When Ordering Write Below** The names of several of your neighbors or friends who have not received our catalog but who you believe might order from us. For your kindness we shall be glad to send you some extra seeds along with your order.

NAMES	POSTOFFICE	RURAL RT. No.	STATE



# HASTINGS' SOUTHERN WINTER GRASS

Our special grass seed mixture for the Lower South or for a quick show of green grass anywhere. Makes a splendid winter and spring lawn by itself. Scratch it in Bermuda sod in the fall for a year-round green lawn. See page 3.

Lb., 50c.

5 lbs., (for 1,000<sup>sq. ft.</sup>) \$2.25

## Hastings' Shady Lawn Grass Seed

Hastings' Evergreen Lawn Grass mixture, with the addition of selected variety strains that stand shady conditions better than other grasses. See page 3.

Lb., 60c.

5 lbs., (for 1,000<sup>sq. ft.</sup>) \$2.75



# HASTINGS' EVERGREEN LAWN GRASS SEED

Make your "Home Beautiful" this fall with a real "Hastings' Evergreen" lawn. The most beautiful lawns over all the South are Hastings' Evergreen lawns. This velvety green lawn mixture contains grasses that grow successfully in the South. The finest lawns are made from fall planting. Our own special adapted mixture for sale only at Hastings' in Atlanta. For full description and "How to Make a Lawn," see page 3. Lb., 55c. 5 lbs. (enough for 1,000 sq. ft.), \$2.50.

CLARA BUTT

CENTENAIRE

PRINCESS ELIZABETH

EUROPE

WHITE QUEEN

MADAME KRELAGE

BARTIGON

REV. EWBANK

THE SULTAN

PRIDE OF HAARLEM



INGLESOMBE YELLOW COTTAGE TULIPS  
65¢ DOZ. — \$4.50 PER HUNDRED

### \$1 Special Darwin Tulip Collection

20 selected, outstanding varieties, the 10 pictured above and all 20 fully described on page 38. All top-size bulbs, the finest of all Tulips. 20 bulbs, 20 varieties, \$1.

### 50c. Giant Darwin Tulip Collection

The 10 varieties pictured above, including the most popular varieties of today. All top-size, selected bulbs. See page 38. 10 bulbs, 10 varieties, 50c.

# H. G. HASTINGS CO., ATLANTA, GEORGIA